0031985

ENGINEERING CHANGE NOTICE

Page 1 of 2

1. ECN 603365

Proj. ECN

2. ECN Category (mark one)	3. Originator's Name, Organization, MSIN, and Telephone No.		4. Date
Supplemental []	Brett Simpson, Analytical Evaluation and Reporting, R2-12, 373-5915		9/30/93
Direct Revision [X]	5. Project Title/No./Work Order No.	6. Bldg./Sys./Fac. No.	7. Impact Level
Change ECN []	Preliminary Estimation of the Waste Inventories in Hanford Tanks Through 1980	N/A	4
Temporary []			
Standby []	8. Document Numbers Changed by this ECN (includes sheet no. and rev.)	9. Related ECN No(s).	10. Related PO No.
Supersedure []	SD-WM-TI-057 Rev. 0	N/A	N/A
Cancel/Void []			

11a. Modification Work	11b. Work Package No.	11c. Modification Work Complete	11d. Restored to Original Condition (Temp. or Standby ECN only)
[] Yes (fill out Blk. 11b) [X] No (NA Blks. 11b, 11c, 11d)	N/A	N/A Cog. Engineer Signature & Date	N/A Cog. Engineer Signature & Date

12. Description of Change

Replacement of the 9/7/83 Summary Report files contained in Appendix A of the file copy with the 3/12/85 version. Page change of A-001 through A-219 inclusive.

13a. Justification (mark one)							
	Criteria Change	[]	Design Improvement	[]	Environmental	[]	
As-Found	[]	Facilitate Const.	[]	Const. Error/Omission	[]	Design Error/Omission	[X]

13b. Justification Details

The TRAC model output serves as a source of information for several internal and external organizations. The original model and output contained several errors and omissions which were corrected when the program code was revised and re-run. The 3/12/85 version is the accepted version of the output, however it appears that when first distributed, the requisite paperwork to incorporate the revision was not processed.

14. Distribution (include name, MSIN, and no. of copies)

TFIC (1)	R1-20
Central Files (1)	L8-04
EDMC (1)	H6-08

RELEASE STAMP

OFFICIAL RELEASE BY WHC (13)
DATE OCT 13 1993
SDA 4

A-7900-013-2 (06/92) GEF095

NOV 1993 RECEIVED EPIC

A-7900-013-1 (06/92)

ENGINEERING CHANGE NOTICE

1. ECN (use no. from pg. 1): 603365

15. Design Verification Required	16. Cost Impact				17. Schedule Impact (days)	
	ENGINEERING		CONSTRUCTION			
[] Yes	Additional	[] $	Additional	[] $	Improvement	[]
[X] No	Savings	[] $	Savings	[] $	Delay	[]

18. Change Impact Review: Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 12. Enter the affected document number in Block 19.

SDD/DD	[]	Seismic/Stress Analysis	[]	Tank Calibration Manual	[]
Functional Design Criteria	[]	Stress/Design Report	[]	Health Physics Procedure	[]
Operating Specification	[]	Interface Control Drawing	[]	Spares Multiple Unit Listing	[]
Criticality Specification	[]	Calibration Procedure	[]	Test Procedures/Specification	[]
Conceptual Design Report	[]	Installation Procedure	[]	Component Index	[]
Equipment Spec.	[]	Maintenance Procedure	[]	ASME Coded Item	[]
Const. Spec.	[]	Engineering Procedure	[]	Human Factor Consideration	[]
Procurement Spec.	[]	Operating Instruction	[]	Computer Software	[]
Vendor Information	[]	Operating Procedure	[]	Electric Circuit Schedule	[]
OM Manual	[]	Operational Safety Requirement	[]	ICRS Procedure	[]
FSAR/SAR	[]	IEFD Drawing	[]	Process Control Manual/Plan	[]
Safety Equipment List	[]	Cell Arrangement Drawing	[]	Process Flow Chart	[]
Radiation Work Permit	[]	Essential Material Specification	[]	Purchase Requisition	[]
Environmental Impact Statement	[]	Fac. Proc. Samp. Schedule	[]		[]
Environmental Report	[]	Inspection Plan	[]		[]
Environmental Permit	[]	Inventory Adjustment Request	[]		[]

19. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below.

Document Number/Revision	Document Number/Revision	Document Number Revision

20. Approvals

	Signature	Date		Signature	Date
OPERATIONS AND ENGINEERING			ARCHITECT-ENGINEER		
Cog Engineer	Brett C Simpkins	10/6/93	PE		
Cog. Mgr.	[illegible]	10/12/93	QA		
QA			Safety		
Safety			Design		
Security			Environ.		
Environ.			Other		
Projects/Programs					
Tank Waste Remediation System					
Facilities Operations			DEPARTMENT OF ENERGY		
Restoration & Remediation			Signature or Letter No.		
Operations & Support Services					
IRM			ADDITIONAL		
Other					

Date Received: 10-4-93	**INFORMATION RELEASE REQUEST**	Reference: WHC-CM-3-4

Complete for all Types of Release

Purpose

[] Speech or Presentation (Check only one suffix)
- [] Full Paper
- [] Summary
- [] Abstract
- [] Visual Aid

[] Speakers Bureau
[] Poster Session
[] Videotape

[] Reference
[X] Technical Report
[] Thesis or Dissertation
[] Manual
[] Brochure/Flier
[] Software/Database
[] Controlled Document
[] Other

ID Number (include revision, volume, etc.): SD-WM-TI-057 Rev. 0-A

List attachments.: None

Date Release Required: 10-15-93

Title: Preliminary Estimation of the Waste Inventories in Hanford Tanks Through 1980

Unclassified Category: UC-600

Impact Level: 4

New or novel (patentable) subject matter? [X] No [] Yes
If "Yes", has disclosure been submitted by WHC or other company?
[] No [] Yes Disclosure No(s).

Information received from others in confidence, such as proprietary data, trade secrets, and/or inventions?
[X] No [] Yes (Identify)

Copyrights? [X] No [] Yes
If "Yes", has written permission been granted?
[] No [] Yes (Attach Permission)

Trademarks?
[X] No [] Yes (Identify)

Complete for Speech or Presentation

Title of Conference or Meeting

Group or Society Sponsoring

Date(s) of Conference or Meeting

City/State

Will proceedings be published? [] Yes [] No
Will material be handed out? [] Yes [] No

Title of Journal

CHECKLIST FOR SIGNATORIES

Review Required per WHC-CM-3-4	Yes	No	Reviewer - Signature Indicates Approval: Name (printed)	Signature	Date
Classification/Unclassified Controlled Nuclear Information	[]	[X]			
Patent - General Counsel	[]	[X]	OGC Memo 2/4/93		
Legal - General Counsel	[]	[X]	OGC Memo 2/4/93		
Applied Technology/Export Controlled Information or International Program	[]	[X]			
WHC Program/Project	[X]	[]	A. F. Noonan	A F Noonan	10/12/93
Communications	[]	[X]			
RL Program/Project	[]	[X]			
Publication Services	[]	[X]			
Other Program/Project	[]	[X]			

Information conforms to all applicable requirements. The above information is certified to be correct.

	Yes	No
References Available to Intended Audience	[X]	[]
Transmit to DOE-HQ/Office of Scientific and Technical Information	[X]	[X]

Author/Requestor (Printed/Signature): B. C. Simpson B.C. Simpson Date: 10/6/93

Intended Audience
[] Internal [] Sponsor [X] External

Responsible Manager (Printed/Signature): A. F. Noonan A F Noonan Date: 10/12/93

INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP

Stamp is required before release. Release is contingent upon resolution of mandatory comments.

APPROVED FOR RELEASE
OFFICIAL
Date 10/13/93

Date Cancelled

Date Disapproved

A-7320-005 (08/91) WEF168

SUPPORTING DOCUMENT

1. Total Pages 570

2. Title

Preliminary Estimation of the Waste Inventories in Hanford Tanks Through 1980

3. Number

SD-WM-TI-057

4. Rev No.

0-A

5. Key Words

TRAC, INVENTORIES, COMPUTER MODEL, HIGH-LEVEL WASTE, SIMULATION, PRECDF, CDFGEN, SINGLE-SHELL TANKS, DOUBLE SHELL TANKS

APPROVED FOR PUBLIC RELEASE

KMB 10/13/93

6. Author

Name: F. M. Jungfleisch and B. C. Simpson

B. C. Simpson 10/6/93

Signature

Organization/Charge Code 7E120/N441H

7. Abstract

The inventories of significant radionuclides and process chemicals in each underground waste storage tank were estimated from historical records by computer simulation. The structure of the simulation includes composition models and data files, inventory models, and data files, and a database of waste management transactions. Inventory reports are appended to the report.

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9. Impact Level 4

10. RELEASE STAMP

OFFICIAL RELEASE BY WHC (13)

DATE OCT 13 1993

STA 4

RECORD OF REVISION

(1) Document Number: SD-WM-TI-057 Rev. 0

Page 1

(2) Title: Preliminary Estimation of the Waste Inventories in Hanford Tanks Through 1980

CHANGE CONTROL RECORD

(3) Revision	(4) Description of Change - Replace, Add, and Delete Pages	Authorized for Release (5) Cog. Engr.	(6) Cog. Mgr. Date
REV. 0	(7) 3/30/84		
SD-WM-TI-057 Rev. 0-A RS	Page change of Appendix A; A-001 through A-219 inclusive per ECN #603365. Replacement of 9/7/83 output with 3/12/85 output.	B. C. Simpson B. C. Simpson	A. F. Noonan A F Noonan 10/12/83

A-7320-005 (08/91) WEF168

RHO193

RUNID * RHO193 USER ID * RHO192 PART NUMBER * INPUT DEVICE * OUTPUT DEVICE * PR

FILE NAME * OUTPUT-2 CREATED AT: 15:19:37 MAR 12,1985 CONVERTED AT: TUE, MAR 12, 1985, 5:49 PM

DELIVER TO: R.L. COATES RM 131-B 703 BLD

DFID #03731

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK A-101 MOLES	TANK A-101 CURIES	TANK A-102 MOLES	TANK A-102 CURIES	TANK A-103 MOLES	TANK A-103 CURIES	TANK A-104 MOLES	TANK A-104 CURIES	TANK A-105 MOLES	TANK A-105 CURIES	TANK A-108 MOLES	TANK A-108 CURIES	TANK AW-101 MOLES	TANK AW-101 CURIES
Ac225	2.E-14	3.E-07	4.E-14	5.E-07	9.E-16	1.E-08	2.E-14	3.E-07	1.E-16	1.E-09	1.E-14	1.E-07	0.	0.
Ac227	2.E-10	3.E-06	5.E-09	8.E-05	2.E-09	3.E-05	1.E-10	2.E-06	1.E-10	2.E-06	9.E-11	2.E-06	0.	0.
Am241	1.E+00	9.E+02	4.E+00	3.E+03	7.E-01	5.E+02	1.E+00	8.E+02	1.E-08	1.E-05	3.E-01	3.E+02	0.	0.
Am242	5.E-09	1.E+00	3.E-08	6.E+00	5.E-09	9.E-01	4.E-09	9.E-01	6.E-17	1.E-08	1.E-09	2.E-01	0.	0.
Am242m	4.E-04	1.E+00	2.E-03	6.E+00	4.E-04	9.E-01	4.E-04	9.E-01	5.E-12	1.E-08	9.E-05	2.E-01	0.	0.
Am243	7.E-03	3.E-01	4.E-02	2.E+00	1.E-02	6.E-01	7.E-03	3.E-01	9.E-11	4.E-09	1.E-03	7.E-02	0.	0.
Al217	8.E-22	3.E-07	1.E-21	5.E-07	3.E-23	1.E-08	8.E-22	3.E-07	4.E-24	1.E-09	4.E-22	1.E-07	0.	0.
Ba137m	0.	0.	5.E-06	4.E+05	3.E-07	2.E+04	2.E-24	2.E-13	6.E-07	4.E+04	4.E-15	3.E-04	0.	0.
Bi210	2.E-18	6.E-11	5.E-18	1.E-10	2.E-18	5.E-11	1.E-18	3.E-11	2.E-21	6.E-14	2.E-18	5.E-11	0.	0.
Bi211	3.E-17	3.E-06	9.E-16	8.E-05	3.E-16	3.E-05	2.E-17	2.E-06	2.E-17	2.E-06	2.E-17	2.E-06	0.	0.
Bi213	7.E-17	3.E-07	1.E-16	5.E-07	3.E-18	1.E-08	7.E-17	3.E-07	4.E-19	2.E-09	3.E-17	1.E-07	0.	0.
Bi214	3.E-20	3.E-10	2.E-19	2.E-09	3.E-20	3.E-10	2.E-20	2.E-10	2.E-23	2.E-13	2.E-20	2.E-10	0.	0.
C14	0.	0.	7.E+00	4.E+02	5.E-01	3.E+01	1.E+01	7.E+02	8.E-02	5.E+00	9.E-04	6.E-02	0.	0.
Cm242	1.E-06	8.E-01	6.E-06	5.E+00	9.E-07	7.E-01	9.E-07	7.E-01	1.E-14	1.E-08	2.E-07	2.E-01	0.	0.
Cm244	0.	0.	4.E-04	7.E+00	3.E-04	5.E+00	2.E-24	3.E-20	3.E-07	5.E-03	6.E-14	1.E-09	0.	0.
Cm245	0.	0.	7.E-06	3.E-04	6.E-06	2.E-04	2.E-26	7.E-25	3.E-09	1.E-07	9.E-16	4.E-14	0.	0.
Cs135	0.	0.	1.E+01	1.E+00	5.E-01	8.E-02	4.E-18	7.E-19	9.E-01	1.E-01	1.E-08	2.E-09	0.	0.
Cs137	0.	0.	3.E+01	4.E+05	2.E+00	2.E+04	2.E-17	2.E-13	4.E+00	5.E+04	3.E-08	3.E-04	0.	0.
Fr221	7.E-18	3.E-07	1.E-17	5.E-07	3.E-19	1.E-08	7.E-18	3.E-07	4.E-20	1.E-09	3.E-18	1.E-07	0.	0.
Fr223	5.E-18	4.E-08	1.E-16	1.E-06	4.E-17	4.E-07	3.E-18	3.E-08	4.E-18	3.E-08	3.E-18	2.E-08	0.	0.
I129	0.	0.	1.E+01	3.E-01	5.E+00	1.E-01	4.E-18	1.E-19	7.E-01	1.E-02	1.E-08	3.E-10	0.	0.
Nb93m	6.E-03	2.E+02	1.E-02	3.E+02	1.E-03	3.E+01	2.E-03	6.E+01	7.E-06	2.E-01	4.E-03	1.E+02	0.	0.
Ni63	1.E+01	5.E+04	4.E+00	2.E+04	5.E+00	2.E+04	2.E+00	8.E+03	6.E-09	2.E-05	1.E+01	4.E+04	0.	0.
Np237	9.E-03	2.E-03	2.E+00	3.E-01	5.E-02	8.E-03	1.E-02	2.E-03	2.E-01	4.E-02	3.E-03	5.E-04	0.	0.
Np239	6.E-09	3.E-01	3.E-08	2.E+00	1.E-08	5.E-01	6.E-09	3.E-01	7.E-17	4.E-09	1.E-09	7.E-02	0.	0.
Pa231	3.E-06	3.E-05	2.E-05	2.E-04	8.E-06	9.E-05	1.E-06	1.E-05	4.E-07	4.E-06	2.E-06	2.E-05	0.	0.
Pa233	3.E-10	2.E-03	7.E-08	3.E-01	2.E-09	8.E-03	5.E-10	2.E-03	8.E-09	4.E-02	1.E-10	5.E-04	0.	0.
Pa234m	5.E-11	7.E+00	6.E-12	1.E+00	8.E-12	1.E+00	1.E-11	2.E+00	3.E-20	5.E-09	2.E-11	4.E+00	0.	0.
Pb209	3.E-16	3.E-07	5.E-16	5.E-07	1.E-17	1.E-08	3.E-16	3.E-07	2.E-18	1.E-09	1.E-16	1.E-07	0.	0.
Pb210	3.E-15	6.E-11	8.E-15	1.E-10	3.E-15	5.E-11	2.E-15	3.E-11	4.E-18	6.E-14	3.E-15	5.E-11	0.	0.
Pb211	5.E-16	3.E-06	1.E-14	8.E-05	5.E-15	3.E-05	4.E-16	2.E-06	4.E-16	2.E-06	3.E-16	1.E-06	0.	0.
Pb214	4.E-20	3.E-10	2.E-19	2.E-09	4.E-20	3.E-10	3.E-20	2.E-10	3.E-23	2.E-13	2.E-20	2.E-10	0.	0.
Pd107	0.	0.	1.E+01	6.E-01	4.E+00	2.E-01	2.E-18	1.E-10	5.E-01	3.E-02	7.E-09	4.E-10	0.	0.
Po210	6.E-17	6.E-11	1.E-16	1.E-10	5.E-17	4.E-11	3.E-17	3.E-11	6.E-20	6.E-14	5.E-17	5.E-11	0.	0.
Po213	1.E-25	3.E-07	2.E-25	5.E-07	4.E-27	1.E-08	1.E-25	3.E-07	5.E-28	1.E-09	5.E-26	1.E-07	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK A-101 MOLES	TANK A-101 CURIES	TANK A-102 MOLES	TANK A-102 CURIES	TANK A-103 MOLES	TANK A-103 CURIES	TANK A-104 MOLES	TANK A-104 CURIES	TANK A-105 MOLES	TANK A-105 CURIES	TANK A-106 MOLES	TANK A-106 CURIES	TANK AW-101 MOLES	TANK AW-101 CURIES
Po214	5.E-27	3.E-10	3.E-26	2.E-09	5.E-27	3.E-10	4.E-27	3.E-10	3.E-30	2.E-13	3.E-27	2.E-10	0.	0.
Po215	4.E-22	3.E-06	1.E-20	8.E-05	4.E-21	3.E-05	3.E-22	2.E-06	3.E-22	2.E-06	2.E-22	2.E-06	0.	0.
Po218	4.E-21	3.E-10	3.E-20	2.E-09	4.E-21	3.E-10	3.E-21	2.E-10	3.E-24	2.E-13	2.E-21	2.E-10	0.	0.
Pu238	2.E-02	9.E+01	4.E-03	1.E+01	5.E-03	2.E+01	4.E-03	2.E+01	1.E-07	5.E-04	1.E-02	5.E+01	0.	0.
Pu239	2.E+02	2.E+03	2.E+01	3.E+02	2.E+01	4.E+02	4.E+01	6.E+02	1.E-07	2.E-06	8.E+01	1.E+03	0.	0.
Pu240	1.E+01	6.E+02	1.E+00	8.E+01	2.E+00	9.E+01	3.E+00	1.E+02	2.E-07	1.E-05	5.E+00	3.E+02	0.	0.
Pu241	3.E-01	8.E+03	4.E-02	1.E+03	6.E-02	2.E+03	9.E-02	2.E+03	1.E-10	3.E-06	2.E-01	4.E+03	0.	0.
Ra223	2.E-13	3.E-06	7.E-12	7.E-05	2.E-12	3.E-05	2.E-13	2.E-06	2.E-13	2.E-06	1.E-13	1.E-06	0.	0.
Ra225	3.E-14	3.E-07	5.E-14	5.E-07	1.E-15	1.E-08	3.E-14	3.E-07	2.E-16	1.E-09	2.E-14	1.E-07	0.	0.
Ra226	1.E-12	3.E-10	7.E-12	2.E-09	1.E-12	3.E-10	1.E-12	2.E-10	8.E-16	2.E-13	7.E-13	2.E-10	0.	0.
Ru106	6.E-04	2.E+02	4.E-04	1.E+02	3.E-03	1.E+03	5.E-05	2.E+01	2.E-10	6.E-05	2.E-03	7.E+02	0.	0.
Sb126	3.E-06	3.E+01	1.E-05	1.E+02	7.E-08	7.E-01	3.E-06	3.E+01	1.E-14	1.E-07	6.E-07	6.E+00	0.	0.
Sb126m	3.E-09	3.E+01	1.E-08	1.E+02	7.E-11	7.E-01	3.E-09	3.E+01	1.E-17	1.E-07	6.E-10	6.E+00	0.	0.
Se79	0.	0.	1.E+00	6.E+00	3.E-01	2.E+00	3.E-19	2.E-18	5.E-02	3.E-01	9.E-10	5.E-09	0.	0.
Sm151	1.E+01	4.E+04	3.E+01	1.E+05	2.E-01	7.E+02	7.E+00	3.E+04	2.E-08	9.E-05	2.E+00	7.E+03	0.	0.
Sn126	9.E+00	3.E+01	3.E+01	1.E+02	2.E-01	7.E-01	7.E+00	3.E+01	3.E-08	1.E-07	2.E+00	6.E+00	0.	0.
Sr90	3.E+02	3.E+06	7.E+02	9.E+06	2.E+00	2.E+04	4.E+02	4.E+06	3.E-06	3.E-02	5.E-07	6.E-03	0.	0.
Tc99	0.	0.	1.E+02	2.E+02	4.E+01	7.E+01	4.E-17	6.E-17	6.E+00	1.E+01	1.E-07	2.E-07	0.	0.
Th227	4.E-13	3.E-06	1.E-11	7.E-05	4.E-12	2.E-05	3.E-13	2.E-06	3.E-13	2.E-06	2.E-13	1.E-06	0.	0.
Th229	6.E-09	3.E-07	1.E-08	5.E-07	3.E-10	1.E-08	5.E-09	3.E-07	3.E-11	1.E-09	3.E-09	1.E-07	0.	0.
Th230	5.E-08	2.E-07	9.E-08	4.E-07	6.E-09	3.E-08	2.E-08	9.E-08	2.E-13	1.E-12	3.E-08	1.E-07	0.	0.
Th231	2.E-09	3.E-01	3.E-10	4.E-02	5.E-10	6.E-02	6.E-10	8.E-02	1.E-18	1.E-10	1.E-09	2.E-01	0.	0.
Th234	1.E-06	7.E+00	2.E-07	1.E+00	2.E-07	1.E+00	3.E-07	2.E+00	1.E-15	5.E-09	7.E-07	4.E+00	0.	0.
Tl207	7.E-17	3.E-06	2.E-15	8.E-05	7.E-16	3.E-05	5.E-17	2.E-06	6.E-17	2.E-06	4.E-17	1.E-06	0.	0.
U233	3.E-04	6.E-04	2.E-05	6.E-05	2.E-05	5.E-05	8.E-05	2.E-04	1.E-06	2.E-06	1.E-04	2.E-04	0.	0.
U234	4.E-03	6.E-03	7.E-04	1.E-03	9.E-04	1.E-03	7.E-04	1.E-03	1.E-08	2.E-08	2.E-03	3.E-03	0.	0.
U235	6.E+02	3.E-01	8.E+01	4.E-02	1.E+02	6.E-02	1.E+02	8.E-02	3.E-07	1.E-10	3.E+02	2.E-01	0.	0.
U238	9.E+04	7.E+00	1.E+04	1.E+00	2.E+04	1.E+00	2.E+04	2.E+00	7.E-05	5.E-09	5.E+04	4.E+00	0.	0.
Y90	7.E-02	4.E+06	2.E-01	9.E+06	5.E-04	2.E+04	9.E-02	5.E+06	7.E-10	4.E-02	1.E-10	6.E-03	0.	0.
Zr93	3.E+03	7.E+02	6.E+02	1.E+02	8.E+02	2.E+02	6.E+02	1.E+02	2.E-06	5.E-07	2.E+03	5.E+02	0.	0.
Ag*	0.	0.	2.E-05	0.	5.E-06	0.	6.E-24	0.	1.E-06	0.	1.E-14	0.	0.	0.
Al	2.E+05	0.	1.E+06	0.	4.E+05	0.	1.E-06	0.	7.E+04	0.	6.E+05	0.	0.	0.
Ba*	5.E+02	0.	7.E+01	0.	9.E+01	0.	1.E+02	0.	1.E+00	0.	3.E+02	0.	0.	0.
Bi	8.E-12	0.	4.E-12	0.	7.E-13	0.	4.E-12	0.	1.E-14	0.	4.E-12	0.	0.	0.
C2H3O3	6.E-39	0.	4.E+04	0.	4.E+02	0.	0.	0.	0.	0.	3.E-05	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK A-101 MOLES	TANK A-101 CURIES	TANK A-102 MOLES	TANK A-102 CURIES	TANK A-103 MOLES	TANK A-103 CURIES	TANK A-104 MOLES	TANK A-104 CURIES	TANK A-105 MOLES	TANK A-105 CURIES	TANK A-106 MOLES	TANK A-106 CURIES	TANK AW-101 MOLES	TANK AW-101 CURIES
C6H5O7	2.E-38	0.	9.E+04	0.	3.E+04	0.	0.	0.	0.	0.	6.E-05	0.	0.	0.
CO3	4.E-37	0.	1.E+06	0.	1.E+04	0.	5.E+05	0.	7.E+03	0.	1.E+02	0.	0.	0.
Ca	1.E+01	0.	7.E+01	0.	2.E+02	0.	6.E-29	0.	2.E-17	0.	1.E+02	0.	0.	0.
Co	0.	0.	6.E+01	0.	2.E+00	0.	3.E-23	0.	4.E-05	0.	1.E-07	0.	0.	0.
Cl-	0.	0.	2.E-05	0.	6.E-07	0.	4.E-27	0.	2.E-09	0.	3.E-14	0.	0.	0.
Cr+	2.E-04	0.	4.E+03	0.	3.E+03	0.	5.E-37	0.	6.E-19	0.	1.E+03	0.	0.	0.
EDTA	1.E-38	0.	6.E+04	0.	6.E+02	0.	0.	0.	0.	0.	6.E-05	0.	0.	0.
F-	1.E-38	0.	1.E+04	0.	5.E+02	0.	1.E-19	0.	3.E-02	0.	2.E-05	0.	0.	0.
Fe+	2.E+06	0.	3.E+05	0.	2.E+05	0.	5.E+05	0.	5.E-04	0.	8.E+05	0.	0.	0.
Fe(CN)6-	0.	0.	3.E+00	0.	4.E-03	0.	2.E-20	0.	2.E-02	0.	4.E-09	0.	0.	0.
HEDTA	2.E-38	0.	1.E+05	0.	1.E+03	0.	0.	0.	0.	0.	1.E-04	0.	0.	0.
K+	6.E-39	0.	9.E+03	0.	6.E+02	0.	6.E-16	0.	2.E+02	0.	2.E-05	0.	0.	0.
La	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn+	8.E+03	0.	2.E+04	0.	4.E+02	0.	1.E+04	0.	7.E-01	0.	5.E+03	0.	0.	0.
NO2-	2.E-37	0.	3.E+05	0.	9.E+03	0.	4.E-14	0.	2.E+04	0.	5.E-04	0.	0.	0.
NO3-	2.E+07	0.	2.E+07	0.	5.E+05	0.	2.E+07	0.	1.E+05	0.	3.E-02	0.	0.	0.
Na	2.E+07	0.	2.E+07	0.	5.E+05	0.	3.E+07	0.	2.E+05	0.	4.E+01	0.	3.E+00	0.
Ni	2.E+03	0.	2.E+03	0.	9.E+02	0.	7.E-27	0.	4.E-31	0.	1.E+02	0.	0.	0.
OH-	6.E+06	0.	1.E+06	0.	2.E+06	0.	1.E+06	0.	2.E+05	0.	4.E+06	0.	3.E+00	0.
PO4-	6.E-39	0.	7.E+03	0.	5.E+02	0.	1.E-16	0.	2.E+02	0.	2.E-05	0.	0.	0.
Pb+	3.E+01	0.	1.E-01	0.	3.E+00	0.	7.E-10	0.	4.E-11	0.	3.E+00	0.	0.	0.
SiO3	1.E-38	0.	1.E+04	0.	5.E+02	0.	6.E-16	0.	4.E+02	0.	2.E-05	0.	0.	0.
SO4-	5.E+02	0.	6.E+05	0.	3.E+03	0.	7.E+05	0.	4.E+03	0.	3.E+02	0.	0.	0.
Sr	6.E-08	0.	3.E+02	0.	4.E-01	0.	3.E-21	0.	0.	0.	6.E-08	0.	0.	0.
ZrO	7.E+02	0.	2.E+02	0.	2.E+02	0.	2.E+02	0.	2.E-06	0.	5.E+02	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK AW-102 MOLES	TANK AW-102 CURIES	TANK AW-103 MOLES	TANK AW-103 CURIES	TANK AW-105 MOLES	TANK AW-105 CURIES	TANK AW-106 MOLES	TANK AW-106 CURIES	TANK AX-101 MOLES	TANK AX-101 CURIES	TANK AX-102 MOLES	TANK AX-102 CURIES	TANK AX-103 MOLES	TANK AX-103 CURIES
Ac225	0.	0.	2.E-25	3.E-18	0.	0.	2.E-15	2.E-08	3.E-16	4.E-09	5.E-16	6.E-09	2.E-16	2.E-09
Ac227	0.	0.	4.E-18	7.E-14	0.	0.	3.E-10	4.E-06	2.E-12	4.E-08	3.E-13	6.E-09	2.E-10	3.E-06
Am241	0.	0.	2.E-09	1.E-06	0.	0.	2.E-01	2.E+02	6.E-03	5.E+00	6.E-03	5.E+00	2.E-02	2.E+01
Am242	0.	0.	1.E-17	2.E-09	0.	0.	2.E-09	3.E-01	5.E-19	9.E-11	3.E-25	6.E-17	2.E-10	3.E-02
Am242m	0.	0.	9.E-13	2.E-09	0.	0.	1.E-04	3.E-01	4.E-14	9.E-11	3.E-20	6.E-17	1.E-05	3.E-02
Am243	0.	0.	3.E-11	1.E-09	0.	0.	2.E-03	9.E-02	1.E-12	6.E-11	2.E-19	1.E-17	3.E-04	1.E-02
At217	0.	0.	7.E-33	3.E-18	0.	0.	6.E-23	2.E-08	1.E-23	4.E-09	2.E-23	6.E-09	7.E-24	2.E-09
Ba137m	0.	0.	1.E-15	8.E-05	0.	0.	3.E-07	2.E+04	5.E-17	3.E-06	7.E-23	5.E-12	3.E-07	2.E+04
Bi210	0.	0.	3.E-27	7.E-20	0.	0.	8.E-20	2.E-12	2.E-18	4.E-11	2.E-18	4.E-11	4.E-20	1.E-12
Bi211	0.	0.	8.E-25	7.E-14	0.	0.	5.E-17	5.E-06	4.E-19	4.E-08	6.E-20	5.E-09	4.E-17	3.E-06
Bi213	0.	0.	6.E-28	3.E-18	0.	0.	5.E-18	2.E-08	9.E-19	4.E-09	2.E-18	7.E-09	6.E-19	2.E-09
Bi214	0.	0.	8.E-29	7.E-19	0.	0.	6.E-21	6.E-11	5.E-22	4.E-12	1.E-21	1.E-11	1.E-21	1.E-11
C14	0.	0.	2.E-09	1.E-07	0.	0.	7.E-01	4.E+01	2.E-03	1.E-01	3.E-17	2.E-15	1.E-01	9.E+00
Cm242	0.	0.	2.E-15	2.E-09	0.	0.	3.E-07	3.E-01	1.E-16	9.E-11	8.E-23	6.E-17	3.E-08	3.E-02
Cm244	0.	0.	8.E-13	2.E-08	0.	0.	5.E-06	9.E-02	4.E-14	7.E-10	1.E-22	2.E-18	4.E-06	9.E-02
Cm245	0.	0.	1.E-14	6.E-13	0.	0.	9.E-08	4.E-06	6.E-16	3.E-14	2.E-24	7.E-23	9.E-08	4.E-06
Cs135	0.	0.	2.E-09	3.E-10	0.	0.	9.E-01	1.E-01	8.E-11	1.E-11	1.E-16	2.E-17	7.E-01	1.E-01
Cs137	0.	0.	7.E-09	8.E-05	0.	0.	2.E+00	3.E+04	3.E-10	4.E-06	4.E-16	5.E-12	2.E+00	2.E+04
Fr221	0.	0.	7.E-29	3.E-18	0.	0.	5.E-19	2.E-08	9.E-20	4.E-09	2.E-19	6.E-09	6.E-20	2.E-09
Fr223	0.	0.	1.E-25	1.E-15	0.	0.	7.E-18	6.E-08	7.E-20	6.E-10	9.E-21	8.E-11	6.E-18	5.E-08
I129	0.	0.	1.E-08	3.E-10	0.	0.	1.E+00	2.E-02	6.E-10	1.E-11	1.E-16	3.E-18	8.E-01	2.E-02
Nb93m	0.	0.	4.E-13	1.E-08	0.	0.	5.E-04	1.E+01	5.E-04	1.E+01	5.E-04	1.E+01	2.E-04	4.E+00
Ni63	0.	0.	9.E-13	3.E-09	0.	0.	8.E-04	3.E+00	2.E-01	8.E+02	7.E-04	3.E+00	8.E-02	3.E+02
Np237	0.	0.	1.E-10	2.E-11	0.	0.	2.E-01	3.E-02	8.E-06	1.E-06	2.E-05	3.E-06	1.E-01	2.E-02
Np239	0.	0.	2.E-17	1.E-09	0.	0.	2.E-09	9.E-02	1.E-18	6.E-11	2.E-25	1.E-17	2.E-10	1.E-02
Pa231	0.	0.	5.E-14	6.E-13	0.	0.	1.E-06	1.E-05	2.E-07	2.E-06	1.E-08	1.E-07	7.E-07	8.E-06
Pa233	0.	0.	4.E-18	2.E-11	0.	0.	5.E-09	3.E-02	2.E-13	1.E-06	5.E-13	3.E-06	4.E-09	2.E-02
Pa234m	0.	0.	4.E-23	6.E-12	0.	0.	2.E-19	2.E-08	7.E-12	1.E+00	2.E-13	4.E-02	1.E-19	2.E-08
Pb209	0.	0.	3.E-27	3.E-18	0.	0.	2.E-17	2.E-08	4.E-18	4.E-09	7.E-18	6.E-09	3.E-18	2.E-09
Pb210	0.	0.	4.E-24	7.E-20	0.	0.	1.E-16	2.E-12	2.E-15	4.E-11	2.E-15	4.E-11	6.E-17	9.E-13
Pb211	0.	0.	1.E-23	7.E-14	0.	0.	9.E-16	4.E-06	7.E-18	4.E-08	1.E-18	5.E-09	6.E-16	3.E-06
Pb214	0.	0.	1.E-28	7.E-19	0.	0.	8.E-21	6.E-11	6.E-22	4.E-12	2.E-21	1.E-11	2.E-21	1.E-11
Pd107	0.	0.	1.E-08	8.E-10	0.	0.	7.E-01	4.E-02	6.E-10	3.E-11	1.E-16	6.E-18	6.E-01	3.E-02
Po210	0.	0.	6.E-26	6.E-20	0.	0.	2.E-18	2.E-12	4.E-17	4.E-11	4.E-17	4.E-11	1.E-18	1.E-12
Po213	0.	0.	9.E-37	2.E-18	0.	0.	8.E-27	2.E-08	1.E-27	4.E-09	2.E-27	6.E-09	9.E-28	2.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AW-102 MOLES	TANK AW-102 CURIES	TANK AW-103 MOLES	TANK AW-103 CURIES	TANK AW-105 MOLES	TANK AW-105 CURIES	TANK AW-106 MOLES	TANK AW-106 CURIES	TANK AX-101 MOLES	TANK AX-101 CURIES	TANK AX-102 MOLES	TANK AX-102 CURIES	TANK AX-103 MOLES	TANK AX-103 CURIES
Po214	0.	0.	1.E-35	9.E-19	0.	0.	1.E-27	7.E-11	8.E-29	5.E-12	3.E-28	2.E-11	2.E-28	2.E-11
Po215	0.	0.	1.E-29	7.E-14	0.	0.	7.E-22	5.E-06	6.E-24	4.E-08	9.E-25	5.E-09	5.E-22	3.E-06
Po218	0.	0.	1.E-29	7.E-19	0.	0.	9.E-22	6.E-11	7.E-23	4.E-12	2.E-22	1.E-11	2.E-22	1.E-11
Pu238	0.	0.	3.E-15	1.E-11	0.	0.	7.E-07	3.E-03	7.E-03	3.E+01	2.E-03	1.E+01	1.E-07	5.E-04
Pu239	0.	0.	2.E-15	3.E-14	0.	0.	2.E-06	3.E-05	2.E+01	3.E+02	9.E+00	1.E+02	1.E-06	2.E-05
Pu240	0.	0.	3.E-14	1.E-12	0.	0.	4.E-07	2.E-05	1.E+00	8.E+01	7.E-01	4.E+01	5.E-07	3.E-05
Pu241	0.	0.	1.E-18	3.E-14	0.	0.	5.E-09	1.E-04	9.E-02	2.E+03	4.E-02	1.E+03	5.E-09	1.E-04
Ra223	0.	0.	6.E-21	7.E-14	0.	0.	4.E-13	4.E-06	3.E-15	3.E-08	5.E-16	5.E-09	3.E-13	3.E-06
Ra225	0.	0.	3.E-25	3.E-18	0.	0.	2.E-15	2.E-08	4.E-16	4.E-09	7.E-16	6.E-09	3.E-16	2.E-09
Ra226	0.	0.	3.E-21	7.E-19	0.	0.	3.E-13	6.E-11	2.E-14	4.E-12	6.E-14	1.E-11	6.E-14	1.E-11
Ru106	0.	0.	2.E-14	6.E-09	0.	0.	2.E-05	6.E+00	1.E-02	4.E+03	1.E-02	3.E+03	9.E-06	3.E+00
Sb126	0.	0.	2.E-16	2.E-09	0.	0.	7.E-07	7.E+00	2.E-13	2.E-06	1.E-06	2.E+01	2.E-07	2.E+00
Sb126m	0.	0.	2.E-19	2.E-09	0.	0.	7.E-10	7.E+00	7.E-21	7.E-11	2.E-09	2.E+01	2.E-10	2.E+00
Se79	0.	0.	9.E-10	5.E-09	0.	0.	8.E-02	4.E-01	4.E-11	2.E-10	7.E-18	4.E-17	6.E-02	4.E-01
Sm151	0.	0.	4.E-10	2.E-06	0.	0.	2.E+00	8.E+03	2.E-11	8.E-08	4.E+00	2.E+04	6.E-01	2.E+03
Sn126	0.	0.	4.E-10	2.E-09	0.	0.	2.E+00	7.E+00	2.E-11	7.E-11	4.E+00	2.E+01	6.E-01	2.E+00
Sr90	0.	0.	7.E-09	9.E-05	0.	0.	4.E+01	4.E+05	3.E-10	4.E-06	1.E-14	2.E-10	2.E+00	2.E+04
Tc99	0.	0.	2.E-07	4.E-07	0.	0.	9.E+00	1.E+01	1.E-08	2.E-08	9.E-16	1.E-15	7.E+00	1.E+01
Th227	0.	0.	9.E-21	6.E-14	0.	0.	6.E-13	4.E-06	5.E-15	4.E-08	8.E-16	5.E-09	5.E-13	3.E-06
Th229	0.	0.	5.E-20	3.E-18	0.	0.	4.E-10	2.E-08	8.E-11	4.E-09	1.E-10	6.E-09	5.E-11	2.E-09
Th230	0.	0.	2.E-18	8.E-18	0.	0.	3.E-09	2.E-08	3.E-09	1.E-08	3.E-09	1.E-08	1.E-09	5.E-09
Th231	0.	0.	1.E-21	1.E-13	0.	0.	3.E-22	3.E-14	4.E-10	5.E-02	2.E-11	2.E-03	1.E-21	2.E-13
Th234	0.	0	1.E-18	6.E-12	0.	0.	4.E-15	2.E-08	2.E-07	1.E+00	7.E-09	4.E-02	3.E-15	2.E-08
Tl207	0.	0.	2.E-24	7.E-14	0.	0.	1.E-16	4.E-06	9.E-19	4.E-08	1.E-19	5.E-09	9.E-17	3.E-06
U233	0.	0.	3.E-17	7.E-17	0.	0.	4.E-08	8.E-08	1.E-05	3.E-05	2.E-06	5.E-06	7.E-08	2.E-07
U234	0.	0.	2.E-15	3.E-15	0.	0.	3.E-09	4.E-09	8.E-04	1.E-03	2.E-04	3.E-04	2.E-08	3.E-08
U235	0.	0.	3.E-10	1.E-13	0.	0.	6.E-11	3.E-14	1.E+02	5.E-02	4.E+00	2.E-03	3.E-10	2.E-13
U238	0.	0.	7.E-08	6.E-12	0.	0.	3.E-09	2.E-13	1.E+04	1.E+00	5.E+02	4.E-02	6.E-05	5.E-09
Y90	0.	0.	2.E-12	9.E-05	0.	0.	9.E-03	5.E+05	8.E-14	4.E-06	4.E-18	2.E-10	5.E-04	2.E+04
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	8.E+02	2.E+02	4.E+02	8.E+01	4.E-06	9.E-07
Ag	0.	0.	1.E-14	0.	0.	0.	1.E-06	0.	6.E-16	0.	1.E-22	0.	8.E-07	0.
Al	0.	0.	2.E-04	0.	0.	0.	1.E+05	0.	2.E+05	0.	2.E+03	0.	1.E+05	0.
Ba	0.	0.	2.E-10	0.	0.	0.	4.E-02	0.	1.E+02	0.	1.E+01	0.	8.E-02	0.
Bi	0.	0.	3.E-23	0.	0.	0.	3.E-14	0.	1.E-13	0.	7.E-13	0.	2.E-14	0.
C2H3O3	0.	0.	9.E-07	0.	0	0.	3.E+03	0.	4.E-08	0.	5.E-13	0.	1.E+03	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AW-102 MOLES	TANK AW-102 CURIES	TANK AW-103 MOLES	TANK AW-103 CURIES	TANK AW-105 MOLES	TANK AW-105 CURIES	TANK AW-106 MOLES	TANK AW-106 CURIES	TANK AX-101 MOLES	TANK AX-101 CURIES	TANK AX-102 MOLES	TANK AX-102 CURIES	TANK AX-103 MOLES	TANK AX-103 CURIES
C6H5O7	0.	0.	1.E-04	0.	0.	0.	5.E+03	0.	5.E-06	0.	1.E-13	0.	5.E+03	0.
CO3	0.	0.	3.E-05	0.	0.	0.	1.E+05	0.	8.E+02	0.	1.E-11	0.	4.E+04	0.
Ca	0.	0.	9.E-10	0.	0.	0.	6.E-03	0.	8.E+02	0.	5.E-20	0.	4.E-02	0.
Ce	0.	0.	7.E-09	0.	0.	0.	8.E+00	0.	3.E-10	0.	2.E-21	0.	6.E+00	0.
Cl	0.	0.	2.E-15	0.	0.	0.	3.E-06	0.	8.E-17	0.	2.E-25	0.	2.E-06	0.
Cr	0.	0.	1.E-07	0.	0.	0.	3.E+02	0.	2.E+04	0.	1.E+04	0.	1.E+02	0.
EDTA	0.	0.	2.E-06	0.	0.	0.	4.E+03	0.	8.E-08	0.	9.E-13	0.	2.E+03	0.
F	0.	0.	9.E-07	0.	0.	0.	2.E+03	0.	4.E-08	0.	2.E-18	0.	1.E+03	0.
Fe	0.	0.	1.E-05	0.	0.	0.	3.E+03	0.	7.E+04	0.	4.E+04	0.	2.E+03	0.
Fe(CN)6	0.	0.	1.E-11	0.	0.	0.	4.E-01	0.	7.E-01	0.	7.E-18	0.	1.E-01	0.
HEDTA	0.	0.	4.E-06	0.	0.	0.	8.E+03	0.	2.E-07	0.	2.E-12	0.	4.E+03	0.
K	0.	0.	2.E-06	0.	0.	0.	1.E+03	0.	8.E-08	0.	1.E-14	0.	1.E+03	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	9.E-07	0.	0.	0.	1.E+03	0.	2.E+03	0.	9.E+02	0.	1.E+03	0.
NO2	0.	0.	3.E-05	0.	0.	0.	4.E+04	0.	1.E-06	0.	9.E-13	0.	3.E+04	0.
NO3	0.	0.	2.E-03	0.	0.	0.	2.E+06	0.	8.E-05	0.	1.E-10	0.	5.E+05	0.
Na	1.E+01	0.	4.E+02	0.	4.E+02	0.	2.E+06	0.	3.E+02	0.	2.E+01	0.	3.E+05	0.
Ni	0.	0.	4.E-09	0.	0.	0.	2.E-01	0.	5.E+02	0.	5.E+00	0.	2.E+02	0.
OH	1.E+01	0.	4.E+02	0.	4.E+02	0.	3.E+02	0.	8.E+05	0.	2.E+05	0.	1.E+03	0.
PO4	0.	0.	2.E-06	0.	0.	0.	1.E+03	0.	8.E-08	0.	1.E-14	0.	8.E+02	0.
Pb	0.	0.	1.E-11	0.	0.	0.	8.E-03	0.	6.E+01	0.	5.E+00	0.	1.E-02	0.
SiO3	0.	0.	2.E-06	0.	0.	0.	2.E+03	0.	8.E-08	0.	1.E-14	0.	2.E+03	0.
SO4	0.	0.	7.E-06	0.	0.	0.	6.E+04	0.	1.E+02	0.	1.E+01	0.	8.E+03	0.
Sr	0.	0.	9.E-10	0.	0.	0.	3.E+00	0.	4.E-11	0.	7.E-15	0.	9.E-01	0.
ZrO	0.	0.	9.E-11	0.	0.	0.	7.E-01	0.	4.E+01	0.	3.E+01	0.	9.E-02	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK AX-104 MOLES	TANK AX-104 CURIES	TANK AY-101 MOLES	TANK AY-101 CURIES	TANK AY-102 MOLES	TANK AY-102 CURIES	TANK AZ-101 MOLES	TANK AZ-101 CURIES	TANK AZ-102 MOLES	TANK AZ-102 CURIES	TANK B-101 MOLES	TANK B-101 CURIES	TANK B-102 MOLES	TANK B-102 CURIES
Ac225	6.E-16	7.E-09	7.E-15	9.E-08	6.E-18	8.E-11	3.E-15	3.E-08	4.E-19	6.E-12	8.E-16	1.E-08	7.E-16	9.E-09
Ac227	4.E-10	6.E-06	1.E-09	2.E-05	2.E-10	3.E-06	4.E-10	6.E-06	1.E-10	2.E-06	6.E-10	1.E-05	3.E-10	5.E-06
Am241	1.E-01	8.E+01	9.E-01	7.E+02	7.E-02	6.E+01	3.E-01	2.E+02	7.E-02	6.E+01	1.E-01	9.E+01	1.E-02	9.E+00
Am242	3.E-10	7.E-02	7.E-09	1.E+00	5.E-10	1.E-01	2.E-09	4.E-01	5.E-10	9.E-02	5.E-39	9.E-31	2.E-12	5.E-04
Am242m	3.E-05	7.E-02	5.E-04	1.E+00	4.E-05	1.E-01	2.E-04	4.E-01	4.E-05	9.E-02	4.E-34	9.E-31	2.E-07	5.E-04
Am243	7.E-04	3.E-02	1.E-02	5.E-01	1.E-03	6.E-02	3.E-03	1.E-01	1.E-03	5.E-02	7.E-33	3.E-31	5.E-06	3.E-04
At217	2.E-23	7.E-09	3.E-22	9.E-08	2.E-25	8.E-11	1.E-22	3.E-08	2.E-26	6.E-12	3.E-23	1.E-08	2.E-23	9.E-09
Ba137m	2.E-06	1.E+05	6.E-07	5.E+04	3.E-08	2.E+03	3.E-07	2.E+04	5.E-08	4.E+03	2.E-36	1.E-25	4.E-08	3.E+03
Bi210	2.E-18	5.E-11	3.E-17	9.E-10	1.E-19	3.E-12	4.E-19	1.E-11	5.E-19	1.E-11	2.E-18	5.E-11	3.E-19	8.E-12
Bi211	7.E-17	6.E-06	2.E-16	2.E-05	3.E-17	3.E-06	7.E-17	6.E-06	3.E-17	2.E-06	1.E-16	1.E-05	6.E-17	5.E-06
Bi213	2.E-18	8.E-09	2.E-17	9.E-08	2.E-20	8.E-11	9.E-18	4.E-08	1.E-21	6.E-12	3.E-18	1.E-08	2.E-18	9.E-09
Bi214	1.E-20	1.E-10	5.E-20	4.E-10	3.E-21	3.E-11	1.E-20	1.E-10	3.E-21	3.E-11	5.E-20	5.E-10	5.E-21	5.E-11
C14	1.E+00	8.E+01	7.E-01	5.E+01	5.E-02	3.E+00	4.E-01	3.E+01	8.E-01	5.E+01	8.E-02	5.E+00	2.E-02	1.E+00
Cm242	7.E-08	5.E-02	1.E-06	1.E+00	1.E-07	8.E-02	4.E-07	3.E-01	9.E-08	7.E-02	1.E-36	8.E-31	5.E-10	4.E-04
Cm244	1.E-05	3.E-01	2.E-04	4.E+00	3.E-05	6.E-01	4.E-05	8.E-01	2.E-05	4.E-01	1.E-34	3.E-30	1.E-07	2.E-03
Cm245	3.E-07	1.E-05	4.E-06	2.E-04	6.E-07	3.E-05	8.E-07	3.E-05	5.E-07	2.E-05	3.E-36	1.E-34	2.E-09	1.E-07
Cs135	2.E+00	3.E-01	8.E-01	1.E-01	6.E-02	9.E-03	6.E-01	1.E-01	5.E-02	8.E-03	2.E-30	3.E-31	2.E-01	3.E-02
Cs137	1.E+01	1.E+05	4.E+00	5.E+04	2.E-01	3.E+03	2.E+00	3.E+04	4.E-01	4.E+03	1.E-29	1.E-25	3.E-01	3.E+03
Fr221	2.E-19	7.E-09	2.E-18	9.E-08	2.E-21	8.E-11	9.E-19	3.E-08	1.E-22	6.E-12	3.E-19	1.E-08	2.E-19	9.E-09
Fr223	1.E-17	9.E-08	3.E-17	3.E-07	5.E-18	4.E-08	1.E-17	9.E-08	4.E-18	3.E-08	2.E-17	1.E-07	9.E-18	7.E-08
I129	2.E+00	4.E-02	3.E+00	8.E-02	5.E-01	1.E-02	1.E+00	3.E-02	1.E+00	2.E-02	1.E-29	3.E-31	6.E-02	1.E-03
Nb93m	6.E-03	2.E+02	3.E-03	7.E+01	2.E-05	5.E-01	7.E-04	2.E+01	7.E-04	2.E+01	7.E-04	2.E+01	2.E-05	5.E-01
Ni63	2.E-01	8.E+02	2.E-01	8.E+02	2.E-02	7.E+01	2.E-02	9.E+01	6.E-02	2.E+02	8.E-02	3.E+02	4.E-02	2.E+02
Np237	2.E-01	3.E-02	2.E-01	3.E-02	5.E-03	9.E-04	1.E-01	2.E-02	2.E-02	3.E-03	1.E-03	2.E-04	2.E-02	3.E-03
Np239	6.E-10	3.E-02	9.E-09	5.E-01	1.E-09	6.E-02	3.E-09	1.E-01	9.E-10	5.E-02	6.E-39	3.E-31	4.E-12	2.E-04
Pa231	2.E-06	2.E-05	6.E-06	7.E-05	8.E-07	9.E-06	2.E-06	2.E-05	7.E-07	7.E-06	7.E-06	7.E-05	1.E-06	1.E-05
Pa233	5.E-09	3.E-02	7.E-09	3.E-02	2.E-10	9.E-04	4.E-09	2.E-02	7.E-10	3.E-03	3.E-11	2.E-04	7.E-10	3.E-03
Pa234m	8.E-13	1.E-01	5.E-13	8.E-02	7.E-14	1.E-02	3.E-14	4.E-03	6.E-21	9.E-10	4.E-11	7.E+00	5.E-12	7.E-01
Pb209	8.E-18	7.E-09	9.E-17	9.E-08	8.E-20	8.E-11	4.E-17	3.E-08	6.E-21	6.E-12	1.E-17	1.E-08	9.E-18	9.E-09
Pb210	3.E-15	5.E-11	5.E-14	8.E-10	1.E-16	2.E-12	7.E-16	1.E-11	8.E-16	1.E-11	3.E-15	5.E-11	5.E-16	7.E-12
Pb211	1.E-15	6.E-06	4.E-15	2.E-05	5.E-16	3.E-06	1.E-15	6.E-06	4.E-16	2.E-06	2.E-15	1.E-05	1.E-15	5.E-06
Pb214	1.E-20	1.E-10	6.E-20	4.E-10	4.E-21	3.E-11	2.E-20	1.E-10	4.E-21	3.E-11	7.E-20	5.E-10	7.E-21	5.E-11
Pd107	1.E+00	8.E-02	3.E+00	2.E-01	4.E-01	2.E-02	9.E-01	5.E-02	8.E-01	4.E-02	7.E-30	4.E-31	3.E-02	2.E-03
Po210	5.E-17	5.E-11	9.E-16	9.E-10	2.E-18	2.E-12	1.E-17	9.E-12	1.E-17	1.E-11	5.E-17	4.E-11	7.E-18	7.E-12
Po213	3.E-27	7.E-09	3.E-26	9.E-08	3.E-29	8.E-11	1.E-26	3.E-08	2.E-30	6.E-12	4.E-27	1.E-08	3.E-27	8.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AX-104 MOLES	TANK AX-104 CURIES	TANK AY-101 MOLES	TANK AY-101 CURIES	TANK AY-102 MOLES	TANK AY-102 CURIES	TANK AZ-101 MOLES	TANK AZ-101 CURIES	TANK AZ-102 MOLES	TANK AZ-102 CURIES	TANK B-101 MOLES	TANK B-101 CURIES	TANK B-102 MOLES	TANK B-102 CURIES
Po214	2.E-27	1.E-10	8.E-27	5.E-10	5.E-28	3.E-11	2.E-27	2.E-10	5.E-28	3.E-11	9.E-27	6.E-10	9.E-28	6.E-11
Po215	1.E-21	6.E-06	3.E-21	2.E-05	4.E-22	3.E-06	1.E-21	6.E-06	4.E-22	2.E-06	2.E-21	1.E-05	8.E-22	5.E-06
Po218	2.E-21	1.E-10	7.E-21	4.E-10	4.E-22	3.E-11	2.E-21	1.E-10	4.E-22	3.E-11	8.E-21	5.E-10	8.E-22	5.E-11
Pu238	6.E-03	2.E+01	3.E-03	1.E+01	6.E-07	2.E-03	3.E-06	1.E-02	4.E-07	2.E-03	9.E-03	4.E+01	1.E-03	4.E+00
Pu239	2.E+01	3.E+02	6.E+00	8.E+01	5.E-07	8.E-06	3.E-06	5.E-05	1.E-06	2.E-05	4.E+01	5.E+02	4.E+00	5.E+01
Pu240	2.E+00	8.E+01	4.E-01	2.E+01	5.E-06	2.E-04	2.E-06	1.E-04	3.E-06	1.E-04	3.E+00	2.E+02	3.E-01	1.E+01
Pu241	8.E-02	2.E+03	3.E-02	8.E+02	5.E-10	1.E-05	7.E-09	2.E-04	5.E-09	1.E-04	2.E-01	5.E+03	2.E-02	5.E+02
Ra223	6.E-13	6.E-06	2.E-12	2.E-05	2.E-13	3.E-06	5.E-13	6.E-06	2.E-13	2.E-06	9.E-13	1.E-05	4.E-13	5.E-06
Ra225	8.E-16	7.E-09	1.E-14	9.E-08	9.E-18	8.E-11	4.E-15	3.E-08	7.E-19	6.E-12	1.E-15	1.E-08	1.E-15	9.E-09
Ra226	4.E-13	1.E-10	2.E-12	4.E-10	1.E-13	3.E-11	6.E-13	1.E-10	1.E-13	3.E-11	2.E-12	5.E-10	2.E-13	5.E-11
Ru106	8.E-03	3.E+03	3.E-02	1.E+04	5.E-07	2.E-01	2.E-05	8.E+00	1.E-06	4.E-01	5.E-03	2.E+03	2.E-04	8.E+01
Sb126	6.E-06	6.E+01	5.E-06	5.E+01	7.E-09	8.E-02	7.E-07	7.E+00	2.E-14	2.E-07	7.E-07	8.E+00	2.E-08	2.E-01
Sb126m	6.E-09	6.E+01	5.E-09	5.E+01	8.E-12	8.E-02	7.E-10	7.E+00	2.E-17	2.E-07	8.E-10	8.E+00	2.E-11	2.E-01
Se79	1.E-01	8.E-01	2.E-01	1.E+00	4.E-02	2.E-01	9.E-02	5.E-01	8.E-02	4.E-01	9.E-31	5.E-30	5.E-03	3.E-02
Sm151	2.E+01	7.E+04	1.E+01	5.E+04	2.E-02	8.E+01	2.E+00	8.E+03	3.E-08	1.E-04	2.E+00	8.E+03	6.E-02	2.E+02
Sn126	2.E+01	8.E+01	1.E+01	5.E+01	2.E-02	8.E-02	2.E+00	7.E+00	6.E-08	2.E-07	2.E+00	7.E+00	5.E-02	2.E-01
Sr90	9.E+02	1.E+07	1.E+02	2.E+06	2.E-01	2.E+03	5.E+01	6.E+05	3.E+01	4.E+05	5.E-30	7.E-26	3.E-02	4.E+02
Tc99	2.E+01	3.E+01	3.E+01	5.E+01	4.E+00	7.E+00	1.E+01	2.E+01	9.E+00	1.E+01	1.E-28	2.E-28	5.E-01	9.E-01
Th227	9.E-13	6.E-06	3.E-12	2.E-05	4.E-13	3.E-06	9.E-13	6.E-06	3.E-13	2.E-06	1.E-12	1.E-05	7.E-13	5.E-06
Th229	2.E-10	7.E-09	2.E-09	9.E-08	2.E-12	8.E-11	7.E-10	3.E-08	1.E-13	6.E-12	2.E-10	1.E-08	2.E-10	9.E-09
Th230	1.E-08	5.E-08	2.E-08	1.E-07	5.E-11	2.E-10	6.E-09	3.E-08	1.E-14	6.E-14	6.E-08	3.E-07	6.E-09	3.E-08
Th231	5.E-11	6.E-03	3.E-11	4.E-03	4.E-12	5.E-04	1.E-12	2.E-04	4.E-19	5.E-11	3.E-09	3.E-01	3.E-10	4.E-02
Th234	2.E-08	1.E-01	1.E-08	8.E-02	2.E-09	1.E-02	8.E-10	4.E-03	2.E-16	9.E-10	1.E-06	7.E+00	1.E-07	7.E-01
Tl207	2.E-16	6.E-06	5.E-16	2.E-05	7.E-17	3.E-06	2.E-16	6.E-06	6.E-17	2.E-06	3.E-16	1.E-05	1.E-16	5.E-06
U233	2.E-06	4.E-06	2.E-07	5.E-07	3.E-08	7.E-08	2.E-07	4.E-07	2.E-08	4.E-08	3.E-06	7.E-06	3.E-06	6.E-06
U234	5.E-04	8.E-04	1.E-04	2.E-04	5.E-06	7.E-06	2.E-06	3.E-06	5.E-09	7.E-09	2.E-03	4.E-03	3.E-04	4.E-04
U235	1.E+01	6.E-03	7.E+00	4.E-03	1.E+00	5.E-04	4.E-01	2.E-04	9.E-08	5.E-11	7.E+02	3.E-01	7.E+01	4.E-02
U238	2.E+03	1.E-01	1.E+03	8.E-02	1.E+02	1.E-02	5.E+01	4.E-03	1.E-05	9.E-10	9.E+04	7.E+00	9.E+03	8.E-01
Y90	2.E-01	1.E+07	3.E-02	2.E+06	5.E-05	3.E+03	1.E-02	6.E+05	8.E-03	4.E+05	1.E-33	7.E-26	8.E-06	4.E+02
Zr93	1.E+03	3.E+02	8.E+02	2.E+02	0.	0.	0.	0.	0.	0.	2.E+02	4.E+01	5.E+00	1.E+00
Ag	2.E-06	0.	4.E-06	0.	5.E-07	0.	1.E-06	0.	1.E-06	0.	9.E-36	0.	9.E-08	0.
Al	4.E+04	0.	1.E+04	0.	6.E+03	0.	6.E+04	0.	1.E+04	0.	1.E+03	0.	2.E+04	0.
Ba	2.E+02	0.	2.E+02	0.	1.E-02	0.	6.E-01	0.	6.E+00	0.	1.E+02	0.	9.E+00	0.
Bi	1.E-13	0.	2.E-13	0.	8.E-16	0.	4.E-13	0.	4.E-14	0.	2.E-13	0.	2.E-13	0.
C2H3O3	0.	0.	3.E+03	0.	4.E+01	0.	2.E+03	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AX-104 MOLES	TANK AX-104 CURIES	TANK AY-101 MOLES	TANK AY-101 CURIES	TANK AY-102 MOLES	TANK AY-102 CURIES	TANK AZ-101 MOLES	TANK AZ-101 CURIES	TANK AZ-102 MOLES	TANK AZ-102 CURIES	TANK B-101 MOLES	TANK B-101 CURIES	TANK B-102 MOLES	TANK B-102 CURIES
C6H5O7	2.E+03	0.	2.E+04	0.	4.E+03	0.	7.E+03	0.	2.E+04	0.	2.E-05	0.	2.E+04	0.
CO3	1.E+04	0.	1.E+05	0.	1.E+03	0.	8.E+04	0.	2.E-04	0.	3.E+05	0.	1.E+05	0.
Ca	5.E+03	0.	2.E+01	0.	3.E-02	0.	6.E-01	0.	2.E+01	0.	4.E+02	0.	2.E+01	0.
Ce	7.E-02	0.	9.E-06	0.	2.E-01	0.	3.E+00	0.	1.E-13	0.	9.E-31	0.	1.E+00	0.
Cl	3.E-07	0.	5.E-10	0.	7.E-08	0.	1.E-06	0.	6.E-18	0.	5.E-35	0.	2.E-05	0.
Cr	9.E+04	0.	1.E+04	0.	4.E+00	0.	2.E+02	0.	1.E-04	0.	7.E+03	0.	3.E+02	0.
EDTA	0.	0.	5.E+03	0.	6.E+01	0.	4.E+03	0.	0.	0.	0.	0.	0.	0.
F	7.E+03	0.	8.E-03	0.	5.E+01	0.	7.E+02	0.	1.E-10	0.	9.E-28	0.	4.E+02	0.
Fe	1.E+05	0.	6.E+04	0.	6.E+02	0.	3.E+03	0.	3.E+03	0.	8.E+04	0.	1.E+05	0.
Fe(CN)6	7.E+01	0.	4.E-02	0.	4.E-04	0.	3.E-02	0.	1.E-10	0.	9.E+01	0.	1.E+01	0.
HEDTA	0.	0.	9.E+03	0.	1.E+02	0.	7.E+03	0.	0.	0.	0.	0.	0.	0.
K	4.E+02	0.	3.E+02	0.	6.E+01	0.	6.E+02	0.	8.E-07	0.	1.E-12	0.	1.E-03	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	9.E+03	0.	1.E+03	0.	4.E+01	0.	1.E+03	0.	3.E+03	0.	6.E-08	0.	5.E+01	0.
NO2	8.E+03	0.	5.E+03	0.	1.E+03	0.	2.E+04	0.	1.E-04	0.	2.E-25	0.	6.E+03	0.
NO3	3.E+05	0.	9.E+05	0.	5.E+04	0.	1.E+06	0.	2.E+05	0.	2.E-04	0.	2.E+05	0.
Na	3.E+05	0.	1.E+06	0.	5.E+04	0.	1.E+06	0.	2.E+05	0.	4.E+05	0.	4.E+05	0.
Ni	1.E+03	0.	8.E+02	0.	8.E+01	0.	5.E+01	0.	5.E+02	0.	2.E+03	0.	1.E+03	0.
OH	7.E+05	0.	2.E+05	0.	7.E+02	0.	4.E+03	0.	7.E+02	0.	3.E+05	0.	3.E+05	0.
PO4	6.E+02	0.	2.E+02	0.	5.E+01	0.	5.E+02	0.	8.E-07	0.	3.E-26	0.	1.E+04	0.
Pb	4.E+02	0.	6.E+00	0.	7.E-04	0.	7.E-03	0.	2.E+00	0.	2.E+04	0.	2.E+04	0.
SiO3	3.E+03	0.	9.E+01	0.	5.E+01	0.	8.E+02	0.	2.E-06	0.	6.E-08	0.	3.E+02	0.
SO4	2.E+03	0.	7.E+04	0.	3.E+02	0.	4.E+04	0.	2.E-01	0.	2.E+04	0.	3.E+04	0.
Sr	1.E-01	0.	6.E+01	0.	5.E-02	0.	2.E+01	0.	8.E-02	0.	2.E-30	0.	5.E-04	0.
ZrO	4.E+02	0.	4.E+01	0.	2.E-02	0.	8.E+00	0.	2.E+00	0.	4.E+00	0.	5.E-01	0.

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK B-103 MOLES	TANK B-103 CURIES	TANK B-104 MOLES	TANK B-104 CURIES	TANK B-105 MOLES	TANK B-105 CURIES	TANK B-106 MOLES	TANK B-106 CURIES	TANK B-107 MOLES	TANK B-107 CURIES	TANK B-108 MOLES	TANK B-108 CURIES	TANK B-109 MOLES	TANK B-109 CURIES
Ac225	8.E-16	1.E-08	1.E-16	2.E-09	9.E-16	1.E-08	9.E-17	1.E-09	1.E-15	1.E-08	9.E-16	1.E-08	1.E-15	1.E-08
Ac227	7.E-10	1.E-05	5.E-10	8.E-06	6.E-09	9.E-05	3.E-10	6.E-06	1.E-09	2.E-05	5.E-09	8.E-05	1.E-09	2.E-05
Am241	7.E-02	6.E+01	5.E-03	4.E+00	5.E-04	4.E-01	3.E-04	2.E-01	1.E-03	1.E+00	6.E-03	5.E+00	2.E-03	2.E+00
Am242	2.E-10	3.E-02	2.E-13	4.E-05	2.E-13	3.E-05	2.E-12	4.E-04	2.E-13	4.E-05	6.E-11	1.E-02	2.E-11	4.E-03
Am242m	1.E-05	3.E-02	2.E-08	4.E-05	1.E-08	3.E-05	2.E-07	4.E-04	2.E-08	4.E-05	5.E-06	1.E-02	2.E-06	4.E-03
Am243	2.E-04	1.E-02	9.E-07	4.E-05	1.E-07	5.E-06	4.E-06	2.E-04	2.E-07	1.E-05	1.E-04	7.E-03	5.E-05	2.E-03
At217	3.E-23	1.E-08	5.E-24	2.E-09	3.E-23	1.E-08	3.E-24	1.E-09	4.E-23	1.E-08	3.E-23	1.E-08	4.E-23	1.E-08
Ba137m	2.E-07	1.E+04	7.E-08	5.E+03	6.E-07	5.E+04	3.E-08	2.E+03	7.E-07	5.E+04	5.E-07	4.E+04	2.E-07	2.E+04
Bi210	6.E-19	2.E-11	3.E-19	8.E-12	2.E-19	5.E-12	1.E-19	4.E-12	9.E-19	2.E-11	4.E-18	9.E-11	1.E-18	3.E-11
Bi211	1.E-16	1.E-05	9.E-17	8.E-06	1.E-15	9.E-05	7.E-17	6.E-06	3.E-16	2.E-05	9.E-16	8.E-05	2.E-16	2.E-05
Bi213	3.E-18	1.E-08	5.E-19	2.E-09	3.E-18	1.E-08	3.E-19	1.E-09	3.E-18	1.E-08	3.E-18	1.E-08	3.E-18	1.E-08
Bi214	9.E-21	8.E-11	4.E-21	4.E-11	2.E-21	2.E-11	2.E-21	2.E-11	1.E-20	1.E-10	5.E-20	5.E-10	1.E-20	1.E-10
C14	6.E-02	3.E+00	7.E-03	4.E-01	2.E-01	1.E+01	8.E-03	5.E-01	2.E-01	1.E+01	2.E-01	1.E+01	1.E-01	7.E+00
Cm242	3.E-08	3.E-02	4.E-11	3.E-05	3.E-11	3.E-05	4.E-10	3.E-04	4.E-11	4.E-05	1.E-08	1.E-02	4.E-09	4.E-03
Cm244	1.E-06	2.E-02	3.E-10	6.E-06	1.E-08	3.E-04	9.E-08	2.E-03	3.E-07	6.E-03	7.E-06	1.E-01	2.E-06	4.E-02
Cm245	2.E-08	1.E-06	2.E-12	8.E-11	1.E-10	4.E-09	2.E-09	8.E-08	3.E-09	1.E-07	1.E-07	6.E-06	5.E-08	2.E-06
Cs135	5.E-01	7.E-02	6.E-01	9.E-02	4.E+00	6.E-01	2.E-01	2.E-02	1.E+00	2.E-01	8.E-01	1.E-01	4.E-01	6.E-02
Cs137	1.E+00	1.E+04	5.E-01	6.E+03	4.E+00	5.E+04	2.E-01	2.E+03	5.E+00	6.E+04	3.E+00	4.E+04	1.E+00	2.E+04
Fr221	3.E-19	1.E-08	5.E-20	2.E-09	3.E-19	1.E-08	3.E-20	1.E-09	3.E-19	1.E-08	3.E-19	1.E-08	3.E-19	1.E-08
Fr223	2.E-17	2.E-07	1.E-17	1.E-07	2.E-16	1.E-06	9.E-18	8.E-08	4.E-17	3.E-07	1.E-16	1.E-06	3.E-17	3.E-07
I129	3.E-01	8.E-03	1.E-01	3.E-03	9.E-01	2.E-02	4.E-02	1.E-03	8.E-01	2.E-02	2.E+00	4.E-02	6.E-01	1.E-02
Nb93m	6.E-05	2.E+00	1.E-05	3.E-01	6.E-06	1.E-01	3.E-07	9.E-03	2.E-05	5.E-01	2.E-05	5.E-01	6.E-06	2.E-01
Ni63	2.E-01	7.E+02	4.E-03	2.E+01	7.E-02	3.E+02	3.E-03	1.E+01	2.E-02	7.E+01	8.E-04	3.E+00	2.E-03	9.E+00
Np237	1.E-01	2.E-02	4.E-02	6.E-03	3.E-01	5.E-02	1.E-02	2.E-03	4.E-01	6.E-02	5.E-01	8.E-02	2.E-01	3.E-02
Np239	2.E-10	1.E-02	7.E-13	4.E-05	9.E-14	5.E-06	3.E-12	2.E-04	2.E-13	1.E-05	1.E-10	7.E-03	4.E-11	2.E-03
Pa231	3.E-06	3.E-05	1.E-06	2.E-05	1.E-05	2.E-04	1.E-06	1.E-05	5.E-06	6.E-05	2.E-05	2.E-04	5.E-06	6.E-05
Pa233	3.E-09	2.E-02	1.E-09	6.E-03	1.E-08	5.E-02	5.E-10	2.E-03	1.E-08	6.E-02	2.E-08	8.E-02	6.E-09	3.E-02
Pa234m	1.E-11	2.E+00	2.E-12	3.E-01	1.E-12	2.E-01	2.E-12	3.E-01	1.E-11	2.E+00	5.E-11	8.E+00	1.E-11	2.E+00
Pb209	1.E-17	1.E-08	2.E-18	2.E-09	1.E-17	1.E-08	1.E-18	1.E-09	1.E-17	1.E-08	1.E-17	1.E-08	1.E-17	1.E-08
Pb210	9.E-16	1.E-11	4.E-16	7.E-12	3.E-16	5.E-12	2.E-16	3.E-12	1.E-15	2.E-11	5.E-15	9.E-11	1.E-15	2.E-11
Pb211	2.E-15	1.E-05	2.E-15	8.E-06	2.E-14	9.E-05	1.E-15	6.E-06	4.E-15	2.E-05	2.E-14	8.E-05	4.E-15	2.E-05
Pb214	1.E-20	8.E-11	5.E-21	4.E-11	3.E-21	2.E-11	3.E-21	2.E-11	2.E-20	1.E-10	7.E-20	5.E-10	2.E-20	1.E-10
Pd107	2.E-01	1.E-02	5.E-02	3.E-03	4.E-01	2.E-02	2.E-02	1.E-03	6.E-01	3.E-02	1.E+00	7.E-02	4.E-01	2.E-02
Po210	1.E-17	1.E-11	7.E-18	7.E-12	5.E-18	5.E-12	4.E-18	3.E-12	2.E-17	2.E-11	9.E-17	8.E-11	2.E-17	2.E-11
Po213	4.E-27	1.E-08	7.E-28	2.E-09	4.E-27	1.E-08	4.E-28	1.E-09	5.E-27	1.E-08	4.E-27	1.E-08	5.E-27	1.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-103 MOLES	TANK B-103 CURIES	TANK B-104 MOLES	TANK B-104 CURIES	TANK B-105 MOLES	TANK B-105 CURIES	TANK B-106 MOLES	TANK B-106 CURIES	TANK B-107 MOLES	TANK B-107 CURIES	TANK B-108 MOLES	TANK B-108 CURIES	TANK B-109 MOLES	TANK B-109 CURIES
Po214	1.E-27	1.E-10	7.E-28	4.E-11	3.E-28	2.E-11	3.E-28	2.E-11	2.E-27	1.E-10	8.E-27	6.E-10	2.E-27	2.E-10
Po215	2.E-21	1.E-05	1.E-21	8.E-06	1.E-20	9.E-05	9.E-22	6.E-06	4.E-21	2.E-05	1.E-20	8.E-05	3.E-21	2.E-05
Po218	1.E-21	8.E-11	6.E-22	4.E-11	3.E-22	2.E-11	3.E-22	2.E-11	2.E-21	1.E-10	7.E-21	5.E-10	2.E-21	1.E-10
Pu238	1.E-03	6.E+00	6.E-05	2.E-01	6.E-06	3.E-02	1.E-06	4.E-03	2.E-05	9.E-02	6.E-06	2.E-02	4.E-06	1.E-02
Pu239	1.E+01	2.E+02	7.E+00	1.E+02	7.E-01	1.E+01	8.E-02	1.E+00	3.E+00	4.E+01	3.E-01	4.E+00	3.E-02	5.E-01
Pu240	9.E-01	5.E+01	2.E-01	1.E+01	2.E-02	1.E+00	2.E-03	1.E-01	6.E-02	3.E+00	6.E-03	3.E-01	7.E-04	4.E-02
Pu241	4.E-02	9.E+02	1.E-03	3.E+01	1.E-04	3.E+00	1.E-05	4.E-01	3.E-04	7.E+00	3.E-05	7.E-01	3.E-06	8.E-02
Ra223	1.E-12	1.E-05	7.E-13	8.E-06	8.E-12	9.E-05	5.E-13	6.E-06	2.E-12	2.E-05	7.E-12	8.E-05	2.E-12	2.E-05
Ra225	1.E-15	1.E-08	2.E-16	2.E-09	1.E-15	1.E-08	1.E-16	1.E-09	2.E-15	1.E-08	1.E-15	1.E-08	2.E-15	1.E-08
Ra226	4.E-13	8.E-11	2.E-13	4.E-11	8.E-14	2.E-11	8.E-14	2.E-11	5.E-13	1.E-10	2.E-12	5.E-10	6.E-13	1.E-10
Ru106	3.E-05	1.E+01	5.E-11	2.E-05	7.E-12	3.E-06	7.E-11	2.E-05	2.E-10	6.E-05	2.E-08	6.E-03	5.E-09	2.E-03
Sb126	6.E-08	7.E-01	6.E-09	6.E-02	6.E-10	6.E-03	7.E-11	7.E-04	6.E-09	6.E-02	6.E-10	6.E-03	8.E-11	8.E-04
Sb126m	7.E-11	7.E-01	6.E-12	6.E-02	6.E-13	6.E-03	7.E-14	7.E-04	6.E-12	6.E-02	6.E-13	6.E-03	8.E-14	8.E-04
Se79	3.E-02	1.E-01	9.E-03	5.E-02	7.E-02	4.E-01	3.E-03	2.E-02	7.E-02	4.E-01	1.E-01	7.E-01	5.E-02	3.E-01
Sm151	2.E-01	8.E+02	3.E-02	1.E+02	3.E-03	1.E+01	4.E-04	1.E+00	5.E-02	2.E+02	5.E-03	2.E+01	6.E-04	2.E+00
Sn126	2.E-01	7.E-01	2.E-02	6.E-02	2.E-03	6.E-03	2.E-04	7.E-04	2.E-02	6.E-02	2.E-03	6.E-03	2.E-04	8.E-04
Sr90	1.E+00	1.E+04	8.E-01	1.E+04	1.E-01	1.E+03	2.E-02	2.E+02	2.E+00	3.E+04	4.E+00	5.E+04	5.E-01	7.E+03
Tc99	3.E+0C	5.E+00	1.E+00	2.E+00	8.E+00	1.E+01	4.E-01	7.E-01	7.E+00	1.E+01	2.E+01	3.E+01	5.E+00	9.E+00
Th227	2.E-12	1.E-05	1.E-12	8.E-06	1.E-11	9.E-05	8.E-13	5.E-06	3.E-12	2.E-05	1.E-11	8.E-05	3.E-12	2.E-05
Th229	2.E-10	1.E-08	4.E-11	2.E-09	2.E-10	1.E-08	2.E-11	1.E-09	3.E-10	1.E-08	3.E-10	1.E-08	3.E-10	1.E-08
Th230	7.E-09	3.E-08	2.E-09	8.E-09	7.E-10	3.E-09	8.E-10	4.E-09	6.E-09	3.E-08	2.E-08	1.E-07	6.E-09	3.E-08
Th231	7.E-10	8.E-02	1.E-10	1.E-02	7.E-11	8.E-03	1.E-10	1.E-02	7.E-10	8.E-02	3.E-09	4.E-01	7.E-10	9.E-02
Th234	4.E-07	2.E+00	6.E-08	3.E-01	3.E-08	2.E-01	5.E-08	3.E-01	4.E-07	2.E+00	2.E-08	8.E+00	4.E-07	2.E+00
Tl207	3.E-16	1.E-05	2.E-16	8.E-06	2.E-15	9.E-05	1.E-16	6.E-06	6.E-16	2.E-05	2.E-15	8.E-05	5.E-16	2.E-05
U233	3.E-06	7.E-06	6.E-07	1.E-06	4.E-06	8.E-06	2.E-07	6.E-07	5.E-06	1.E-05	4.E-06	1.E-05	5.E-06	1.E-05
U234	3.E-04	4.E-04	4.E-05	5.E-05	1.E-05	2.E-05	2.E-05	3.E-05	1.E-04	2.E-04	5.E-04	7.E-04	1.E-04	2.E-04
U235	2.E+02	8.E-02	3.E+01	1.E-02	2.E+01	8.E-03	2.E+01	1.E-02	2.E+02	9.E-02	7.E+02	4.E-01	2.E+02	9.E-02
U238	2.E+04	2.E+00	4.E+03	3.E-01	2.E+03	2.E-01	3.E+03	3.E-01	2.E+04	2.E+00	1.E+05	8.E+00	3.E+04	2.E+00
Y90	2.E-04	1.E+04	2.E-04	1.E+04	3.E-05	2.E+03	4.E-06	2.E+02	6.E-04	3.E+04	1.E-03	5.E+04	1.E-04	7.E+03
Zr93	1.E+01	3.E+00	2.E+00	4.E-01	2.E-01	4.E-02	2.E-02	5.E-03	2.E+00	4.E-01	2.E-01	4.E-02	2.E-02	5.E-03
Ag	4.E-07	0.	2.E-07	0.	1.E-06	0.	6.E-08	0.	1.E-06	0.	2.E-06	0.	8.E-07	0.
Al	1.E+05	0.	7.E+04	0.	5.E+03	0.	1.E+04	0.	3.E+05	0.	3.E+05	0.	1.E+05	0.
Ba	6.E+00	0.	8.E-01	0.	6.E+00	0.	5.E-01	0.	7.E+00	0.	5.E+00	0.	6.E+00	0.
Bi	2.E-13	0.	6.E+06	0.	6.E+05	0.	7.E+04	0.	7.E+04	0.	7.E+03	0.	8.E+02	0.
C2H3O3	4.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-103 MOLES	TANK B-103 CURIES	TANK B-104 MOLES	TANK B-104 CURIES	TANK B-105 MOLES	TANK B-105 CURIES	TANK B-106 MOLES	TANK B-106 CURIES	TANK B-107 MOLES	TANK B-107 CURIES	TANK B-108 MOLES	TANK B-108 CURIES	TANK B-109 MOLES	TANK B-109 CURIES
C6H5O7	3.E+04	0.	0.	0.	0.	0.	1.E+04	0.	0.	0.	2.E+04	0.	7.E+03	0.
CO3	1.E+05	0.	2.E+05	0.	1.E+06	0.	6.E+04	0.	1.E+05	0.	7.E+04	0.	1.E+05	0.
Ca	2.E+00	0.	0.	0.	0.	0.	5.E-04	0.	0.	0.	2.E-04	0.	1.E-01	0.
Ce	3.E+00	0.	7.E+01	0.	5.E+00	0.	6.E-01	0.	3.E+01	0.	7.E+00	0.	4.E+00	0.
Cl	3.E-05	0.	8.E-05	0.	5.E-04	0.	2.E-05	0.	2.E-05	0.	2.E-05	0.	7.E-06	0.
Cr	4.E+01	0.	2.E+04	0.	2.E+03	0.	2.E+02	0.	1.E+04	0.	1.E+03	0.	1.E+02	0.
EDTA	6.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E-01	0.
F	2.E+03	0.	4.E+05	0.	8.E+05	0.	7.E+04	0.	7.E+05	0.	2.E+06	0.	1.E+06	0.
Fe	1.E+04	0.	3.E+05	0.	3.E+04	0.	5.E+03	0.	2.E+05	0.	2.E+04	0.	3.E+03	0.
Fe(CN)6	2.E+02	0.	0.	0.	0.	0.	6.E-05	0.	3.E+01	0.	8.E+01	0.	3.E+01	0.
HEDTA	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+00	0.	1.E+00	0.
K	6.E+02	0.	0.	0.	0.	0.	1.E-03	0.	0.	0.	7.E+02	0.	2.E+03	0.
La	7.E-14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-13	0.
Mn	2.E+02	0.	0.	0.	0.	0.	4.E+01	0.	0.	0.	7.E+01	0.	2.E+01	0.
NO2	4.E+04	0.	5.E+04	0.	4.E+03	0.	3.E+03	0.	4.E+05	0.	3.E+05	0.	1.E+05	0.
NO3	5.E+05	0.	8.E+05	0.	4.E+06	0.	7.E+05	0.	3.E+06	0.	5.E+06	0.	5.E+05	0.
Na	7.E+05	0.	3.E+06	0.	1.E+07	0.	7.E+06	0.	5.E+06	0.	1.E+07	0.	8.E+06	0.
Ni	1.E+03	0.	0.	0.	0.	0.	1.E+02	0.	5.E-03	0.	4.E-02	0.	1.E-02	0.
OH	2.E+05	0.	9.E+05	0.	1.E+05	0.	2.E+04	0.	6.E+05	0.	6.E+04	0.	3.E+04	0.
PO4	7.E+03	0.	7.E+06	0.	2.E+06	0.	2.E+06	0.	5.E+05	0.	1.E+06	0.	2.E+06	0.
Pb	1.E+04	0.	2.E-10	0.	3.E-09	0.	2.E-03	0.	5.E-10	0.	4.E-04	0.	1.E-04	0.
SiO3	2.E+03	0.	1.E+04	0.	8.E+02	0.	2.E+02	0.	1.E+04	0.	7.E+03	0.	3.E+03	0.
SO4	4.E+04	0.	7.E+04	0.	4.E+05	0.	1.E+04	0.	3.E+04	0.	2.E+04	0.	8.E+03	0.
Sr	6.E-01	0.	0.	0.	0.	0.	4.E-04	0.	0.	0.	6.E+00	0.	2.E+00	0.
ZrO	2.E+00	0.	7.E+03	0.	7.E+02	0.	8.E+01	0.	2.E+04	0.	2.E+03	0.	3.E+02	0.

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK B-110 MOLES	TANK B-110 CURIES	TANK B-111 MOLES	TANK B-111 CURIES	TANK B-112 MOLES	TANK B-112 CURIES	TANK B-201 MOLES	TANK B-201 CURIES	TANK B-202 MOLES	TANK B-202 CURIES	TANK B-203 MOLES	TANK B-203 CURIES	TANK B-204 MOLES	TANK B-204 CURIES
Ac225	2.E-16	3.E-09	2.E-14	3.E-07	6.E-16	8.E-09	0.	0.	3.E-18	4.E-11	1.E-21	2.E-14	1.E-20	2.E-13
Ac227	8.E-09	1.E-04	4.E-08	6.E-04	4.E-09	7.E-05	0.	0.	7.E-10	1.E-05	8.E-17	1.E-12	8.E-16	1.E-11
Am241	2.E+00	1.E+03	5.E-03	4.E+00	5.E-02	4.E+01	0.	0.	4.E-02	4.E+01	1.E-04	1.E-01	1.E-03	1.E+00
Am242	2.E-08	4.E+00	1.E-12	2.E-04	5.E-10	9.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Am242m	2.E-03	4.E+00	8.E-08	2.E-04	4.E-05	9.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Am243	5.E-02	2.E+00	1.E-06	5.E-05	1.E-03	5.E-02	0.	0.	0.	0.	0.	0.	0.	0.
At217	7.E-24	3.E-09	9.E-22	3.E-07	2.E-23	8.E-09	0.	0.	1.E-25	4.E-11	6.E-29	2.E-14	6.E-28	2.E-13
Ba137m	1.E-06	7.E+04	9.E-06	7.E+05	4.E-06	3.E+05	0.	0.	0.	0.	0.	0.	0.	0.
Bi210	8.E-18	2.E-10	7.E-19	2.E-11	1.E-18	3.E-11	0.	0.	5.E-19	1.E-11	2.E-21	5.E-14	2.E-20	5.E-13
Bi211	1.E-15	1.E-04	7.E-15	6.E-04	8.E-16	7.E-05	0.	0.	1.E-16	1.E-05	2.E-23	1.E-12	2.E-22	1.E-11
Bi213	6.E-19	3.E-09	8.E-17	3.E-07	2.E-18	9.E-09	0.	0.	1.E-20	4.E-11	5.E-24	2.E-14	5.E-23	2.E-13
Bi214	9.E-20	9.E-10	7.E-21	6.E-11	1.E-20	1.E-10	0.	0.	1.E-20	9.E-11	3.E-23	2.E-13	3.E-22	2.E-12
C14	2.E+00	1.E+02	4.E+01	3.E+03	1.E+00	8.E+01	0.	0.	0.	0.	0.	0.	0.	0.
Cm242	4.E-06	3.E+00	2.E-10	2.E-04	9.E-08	7.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Cm244	1.E-03	2.E+01	8.E-05	2.E+00	5.E-05	1.E+00	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	2.E-05	1.E-03	7.E-07	3.E-05	1.E-06	5.E-05	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	2.E+00	2.E-01	1.E+01	2.E+00	6.E+00	1.E+00	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	7.E+00	8.E+04	6.E+01	7.E+05	2.E+01	3.E+05	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	6.E-20	3.E-09	8.E-18	3.E-07	2.E-19	8.E-09	0.	0.	1.E-21	4.E-11	5.E-25	2.E-14	5.E-24	2.E-13
Fr223	2.E-16	2.E-06	1.E-15	9.E-06	1.E-16	1.E-06	0.	0.	2.E-17	2.E-07	2.E-24	2.E-14	2.E-23	2.E-13
I129	2.E+01	5.E-01	2.E+02	5.E+00	1.E+01	3.E-01	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	1.E-03	3.E+01	2.E-03	7.E+01	1.E-04	4.E+00	0.	0.	0.	0.	0.	0.	0.	0.
Ni63	5.E-01	2.E+03	6.E-01	2.E+03	6.E-02	2.E+02	0.	0.	0.	0.	0.	0.	0.	0.
Np237	2.E-01	3.E-02	7.E+01	1.E+01	4.E+00	6.E-01	0.	0.	8.E-04	1.E-04	4.E-06	6.E-07	4.E-05	6.E-06
Np239	4.E-08	2.E+00	8.E-13	5.E-05	9.E-10	5.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Pa231	3.E-05	4.E-04	1.E-04	1.E-03	1.E-05	2.E-04	0.	0.	4.E-06	4.E-05	5.E-13	6.E-12	5.E-12	6.E-11
Pa233	5.E-09	3.E-02	3.E-06	1.E+01	1.E-07	6.E-01	0.	0.	3.E-11	1.E-04	1.E-13	6.E-07	1.E-12	6.E-06
Pa234m	4.E-11	7.E+00	3.E-12	4.E-01	4.E-12	6.E-01	0.	0.	2.E-11	3.E+00	0.	0.	0.	0.
Pb209	3.E-18	3.E-09	3.E-16	3.E-07	9.E-18	8.E-09	0.	0.	4.E-20	4.E-11	2.E-23	2.E-14	2.E-22	2.E-13
Pb210	1.E-14	2.E-10	1.E-15	2.E-11	2.E-15	3.E-11	0.	0.	7.E-16	1.E-11	3.E-18	4.E-14	3.E-17	4.E-13
Pb211	2.E-14	1.E-04	1.E-13	6.E-04	1.E-14	7.E-05	0.	0.	2.E-15	1.E-05	3.E-22	1.E-12	3.E-21	1.E-11
Pb214	1.E-19	9.E-10	9.E-21	6.E-11	2.E-20	1.E-10	0.	0.	1.E-20	9.E-11	3.E-23	2.E-13	3.E-22	2.E-12
Pd107	2.E+01	9.E-01	1.E+02	8.E+00	9.E+00	5.E-01	0.	0.	0.	0.	0.	0.	0.	0.
Po210	2.E-16	2.E-10	2.E-17	2.E-11	3.E-17	3.E-11	0.	0.	1.E-17	1.E-11	4.E-20	4.E-14	4.E-19	4.E-13
Po213	9.E-28	2.E-09	1.E-25	3.E-07	3.E-27	8.E-09	0.	0.	2.E-29	4.E-11	7.E-33	2.E-14	7.E-32	2.E-13

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-110 MOLES	TANK B-110 CURIES	TANK B-111 MOLES	TANK B-111 CURIES	TANK B-112 MOLES	TANK B-112 CURIES	TANK B-201 MOLES	TANK B-201 CURIES	TANK B-202 MOLES	TANK B-202 CURIES	TANK B-203 MOLES	TANK B-203 CURIES	TANK B-204 MOLES	TANK B-204 CURIES
Po214	2.E-26	1.E-09	1.E-27	8.E-11	2.E-27	1.E-10	0.	0.	2.E-27	1.E-10	4.E-30	3.E-13	4.E-29	3.E-12
Po215	2.E-20	1.E-04	1.E-19	6.E-04	1.E-20	7.E-05	0.	0.	2.E-21	1.E-05	2.E-28	1.E-12	2.E-27	1.E-11
Po218	1.E-20	9.E-10	1.E-21	6.E-11	2.E-21	1.E-10	0.	0.	1.E-21	9.E-11	4.E-24	2.E-13	4.E-23	2.E-12
Pu238	4.E-03	2.E+01	5.E-05	2.E-01	4.E-04	2.E+00	0.	0.	9.E-04	4.E+00	1.E-06	5.E-03	1.E-05	5.E-02
Pu239	2.E+01	2.E+02	2.E+00	3.E+01	2.E-01	4.E+00	0.	0.	1.E+01	2.E+02	4.E-02	7.E-01	4.E-01	7.E+00
Pu240	8.E-01	5.E+01	1.E-01	6.E+00	1.E-02	6.E-01	0.	0.	9.E-01	5.E+01	3.E-03	1.E-01	3.E-02	1.E+00
Pu241	4.E-02	1.E+03	2.E-03	4.E+01	2.E-04	4.E+00	0.	0.	3.E-02	8.E+02	5.E-05	1.E+00	5.E-04	1.E+01
Ra223	1.E-11	1.E-04	5.E-11	6.E-04	6.E-12	7.E-05	0.	0.	1.E-12	1.E-05	1.E-19	1.E-12	1.E-18	1.E-11
Ra225	3.E-16	3.E-09	4.E-14	3.E-07	1.E-15	8.E-09	0.	0.	5.E-18	4.E-11	2.E-21	2.E-14	2.E-20	2.E-13
Ra226	4.E-12	9.E-10	3.E-13	6.E-11	5.E-13	1.E-10	0.	0.	4.E-13	9.E-11	1.E-15	2.E-13	1.E-14	2.E-12
Ru106	2.E-03	6.E+02	2.E-07	7.E-02	1.E-07	5.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Sb126	1.E-06	1.E+01	1.E-09	1.E-02	1.E-10	2.E-03	0.	0.	0.	0.	0.	0.	0.	0.
Sb126m	1.E-09	1.E+01	1.E-12	1.E-02	2.E-13	2.E-03	0.	0.	0.	0.	0.	0.	0.	0.
Se79	1.E+00	8.E+00	2.E+01	9.E+01	1.E+00	6.E+00	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	3.E+00	1.E+04	6.E-03	2.E+01	6.E-04	2.E+00	0.	0.	0.	0.	0.	0.	0.	0.
Sn126	3.E+00	1.E+01	4.E-03	1.E-02	4.E-04	1.E-03	0.	0.	0.	0.	0.	0.	0.	0.
Sr90	6.E+00	7.E+04	1.E-08	1.E-04	1.E+01	2.E+05	0.	0.	0.	0.	0.	0.	0.	0.
Tc99	2.E+02	3.E+02	2.E+03	3.E+03	1.E+02	2.E+02	0.	0.	0.	0.	0.	0.	0.	0.
Th227	2.E-11	1.E-04	8.E-11	6.E-04	1.E-11	7.E-05	0.	0.	2.E-12	1.E-05	2.E-19	1.E-12	2.E-18	1.E-11
Th229	5.E-11	3.E-09	7.E-09	3.E-07	2.E-10	8.E-09	0.	0.	9.E-13	4.E-11	4.E-16	2.E-14	4.E-15	2.E-13
Th230	3.E-08	2.E-07	2.E-09	8.E-09	3.E-09	1.E-08	0.	0.	7.E-09	3.E-08	1.E-11	6.E-11	1.E-10	6.E-10
Th231	3.E-09	3.E-01	1.E-10	2.E-02	2.E-10	2.E-02	0.	0.	9.E-10	1.E-01	1.E-16	2.E-08	1.E-15	2.E-07
Th234	1.E-06	7.E+00	8.E-08	4.E-01	1.E-07	6.E-01	0.	0.	5.E-07	3.E+00	0.	0.	0.	0.
Tl207	3.E-15	1.E-04	2.E-14	6.E-04	2.E-15	7.E-05	0.	0.	3.E-16	1.E-05	4.E-23	1.E-12	4.E-22	1.E-11
U233	1.E-06	3.E-06	3.E-04	6.E-04	9.E-06	2.E-05	0.	0.	1.E-08	3.E-08	1.E-11	3.E-11	1.E-10	3.E-10
U234	1.E-03	2.E-03	4.E-05	6.E-05	8.E-05	1.E-04	0.	0.	3.E-04	4.E-04	3.E-07	5.E-07	3.E-06	5.E-06
U235	6.E+02	3.E-01	4.E+01	2.E-02	5.E+01	3.E-02	0.	0.	2.E+02	1.E-01	4.E-05	2.E-08	4.E-04	2.E-07
U238	9.E+04	7.E+00	5.E+03	4.E-01	7.E+03	6.E-01	0.	0.	3.E+04	3.E+00	0.	0.	0.	0.
Y90	2.E-03	8.E+04	3.E-12	1.E-04	3.E-03	2.E+05	0.	0.	0.	0.	0.	0.	0.	0.
Zr93	2.E+02	6.E+01	4.E-01	9.E-02	4.E-02	9.E-03	0.	0.	0.	0.	0.	0.	0.	0.
Ag	2.E-05	0.	3.E-04	0.	2.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	3.E+05	0.	2.E+05	0.	2.E+06	0.	0.	0.	2.E+03	0.	0.	0.	0.	0.
Ba	1.E+02	0.	2.E+01	0.	5.E+01	0.	0.	0.	8.E-01	0.	0.	0.	0.	0.
Bi	1.E+07	0.	4.E+06	0.	4.E+05	0.	0.	0.	7.E+01	0.	7.E+02	0.	7.E+03	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-110 MOLES	TANK B-110 CURIES	TANK B-111 MOLES	TANK B-111 CURIES	TANK B-112 MOLES	TANK B-112 CURIES	TANK B-201 MOLES	TANK B-201 CURIES	TANK B-202 MOLES	TANK B-202 CURIES	TANK B-203 MOLES	TANK B-203 CURIES	TANK B-204 MOLES	TANK B-204 CURIES
C6H5O7	5.E+05	0.	0.	0.	2.E+05	0.	0.	0.	3.E+03	0.	0.	0.	0.	0.
CO3	0.	0.	2.E+06	0.	5.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ca	4.E+02	0.	5.E-16	0.	1.E+02	0.	0.	0.	3.E+00	0.	0.	0.	0.	0.
Ce	0.	0.	1.E-01	0.	5.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	6.E-06	0.	1.E-04	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	3.E+04	0.	8.E+03	0.	8.E+02	0.	0.	0.	9.E+01	0.	4.E+02	0.	4.E+03	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	9.E-38	0.	1.E+02	0.	7.E+04	0.	0.	0.	4.E+04	0.	5.E+04	0.	5.E+04	0.
Fe	5.E+05	0.	1.E+05	0.	4.E+04	0.	0.	0.	8.E+02	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	8.E+01	0.	9.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	3.E+02	0.	9.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	3.E+04	0.	5.E+03	0.	0.	0.	4.E+04	0.	4.E+04	0.	4.E+04	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	3.E+01	0.	3.E+02	0.	3.E+03	0.
Mn	1.E+03	0.	1.E+02	0.	5.E+02	0.	0.	0.	8.E+01	0.	6.E+02	0.	6.E+03	0.
NO2	0.	0.	8.E+05	0.	2.E+06	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	5.E+06	0.	3.E+07	0.	7.E+06	0.	0.	0.	3.E+05	0.	2.E+05	0.	2.E+05	0.
Na	5.E+06	0.	3.E+07	0.	5.E+06	0.	1.E+01	0.	3.E+05	0.	3.E+05	0.	3.E+05	0.
Ni	8.E+03	0.	1.E-02	0.	7.E+02	0.	0.	0.	5.E+01	0.	0.	0.	0.	0.
OH	1.E+06	0.	8.E+05	0.	2.E+05	0.	1.E+01	0.	9.E+04	0.	9.E+04	0.	1.E+05	0.
PO4	1.E+07	0.	4.E+06	0.	4.E+05	0.	0.	0.	5.E+03	0.	5.E+03	0.	5.E+03	0.
Pb	5.E+00	0.	1.E-08	0.	3.E-03	0.	0.	0.	3.E-02	0.	2.E-17	0.	2.E-16	0.
SiO3	2.E-38	0.	1.E+04	0.	5.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	5.E-08	0.	8.E+05	0.	1.E+05	0.	0.	0.	6.E+02	0.	7.E+02	0.	7.E+02	0.
Sr	2.E+00	0.	0.	0.	4.E+01	0.	0.	0.	3.E-01	0.	0.	0.	0.	0.
ZrO	8.E+00	0.	1.E-02	0.	3.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK BX-101 MOLES	TANK BX-101 CURIES	TANK BX-102 MOLES	TANK BX-102 CURIES	TANK BX-103 MOLES	TANK BX-103 CURIES	TANK BX-104 MOLES	TANK BX-104 CURIES	TANK BX-105 MOLES	TANK BX-105 CURIES	TANK BX-106 MOLES	TANK BX-106 CURIES	TANK BX-107 MOLES	TANK BX-107 CURIES
Ac225	9.E-16	1.E-08	2.E-15	3.E-08	1.E-15	2.E-08	2.E-14	3.E-07	5.E-15	6.E-08	8.E-15	1.E-07	4.E-16	5.E-09
Ac227	1.E-09	2.E-05	1.E-08	2.E-04	6.E-12	9.E-08	4.E-08	6.E-04	2.E-08	3.E-04	4.E-08	6.E-04	2.E-09	3.E-05
Am241	1.E-01	1.E+02	9.E-01	7.E+02	2.E-06	2.E-03	2.E-02	2.E+01	4.E+00	4.E+03	3.E+00	3.E+03	4.E-03	3.E+00
Am242	2.E-13	4.E-05	6.E-09	1.E+00	1.E-14	3.E-06	4.E-11	8.E-03	4.E-08	7.E+00	2.E-08	5.E+00	2.E-13	4.E-05
Am242m	2.E-08	4.E-05	5.E-04	1.E+00	1.E-09	3.E-06	4.E-06	8.E-03	3.E-03	7.E+00	2.E-03	5.E+00	2.E-08	4.E-05
Am243	2.E-06	1.E-04	1.E-02	6.E-01	2.E-08	9.E-07	6.E-05	3.E-03	7.E-02	3.E+00	5.E-02	2.E+00	2.E-06	9.E-05
At217	3.E-23	1.E-08	7.E-23	3.E-08	4.E-23	2.E-08	9.E-22	3.E-07	2.E-22	6.E-08	3.E-22	1.E-07	1.E-23	5.E-09
Ba137m	1.E-25	1.E-14	4.E-06	3.E+05	1.E-23	1.E-12	1.E-05	7.E+05	2.E-06	2.E+05	9.E-05	7.E+06	2.E-07	2.E+04
Bi210	1.E-18	3.E-11	1.E-18	4.E-11	2.E-19	4.E-12	8.E-19	2.E-11	5.E-18	1.E-10	7.E-18	2.E-10	1.E-18	3.E-11
Bi211	2.E-16	2.E-05	2.E-15	2.E-04	1.E-18	9.E-08	7.E-15	6.E-04	3.E-15	3.E-04	7.E-15	6.E-04	3.E-16	3.E-05
Bi213	3.E-18	1.E-08	6.E-18	3.E-08	4.E-18	2.E-08	8.E-17	3.E-07	1.E-17	6.E-08	3.E-17	1.E-07	1.E-18	5.E-09
Bi214	2.E-20	2.E-10	2.E-20	1.E-10	2.E-22	2.E-12	1.E-20	9.E-11	6.E-20	6.E-10	7.E-20	7.E-10	1.E-20	1.E-10
C14	4.E-01	2.E+01	9.E+00	6.E+02	1.E+00	9.E+01	2.E+01	1.E+03	1.E+01	8.E+02	3.E+01	2.E+03	4.E-03	3.E-01
Cm242	4.E-11	3.E-05	1.E-06	1.E+00	3.E-12	2.E-06	8.E-09	7.E-03	7.E-06	6.E+00	5.E-06	4.E+00	4.E-11	3.E-05
Cm244	2.E-23	5.E-19	2.E-04	5.E+00	5.E-24	1.E-19	1.E-04	2.E+00	1.E-03	2.E+01	9.E-04	2.E+01	1.E-09	2.E-05
Cm245	5.E-25	2.E-23	5.E-06	2.E-04	5.E-26	2.E-24	9.E-07	4.E-05	2.E-05	9.E-04	2.E-05	7.E-04	7.E-12	3.E-10
Cs135	3.E-19	4.E-20	7.E+00	1.E+00	6.E-17	9.E-18	1.E+01	2.E+00	3.E+00	4.E-01	2.E+02	2.E+01	2.E+00	3.E-01
Cs137	9.E-19	1.E-14	3.E+01	3.E+05	1.E-16	1.E-12	7.E+01	8.E+05	2.E+01	2.E+05	6.E+02	7.E+06	1.E+00	2.E+04
Fr221	3.E-19	1.E-08	7.E-19	3.E-08	4.E-19	2.E-08	8.E-18	3.E-07	2.E-18	6.E-08	3.E-18	1.E-07	1.E-19	5.E-09
Fr223	3.E-17	2.E-07	3.E-16	2.E-06	2.E-19	1.E-09	1.E-15	9.E-06	5.E-16	4.E-06	1.E-15	9.E-06	4.E-17	4.E-07
I129	4.E-18	1.E-19	4.E+01	1.E+00	6.E-17	1.E-18	2.E+02	5.E+00	1.E+02	2.E+00	2.E+02	4.E+00	3.E-01	8.E-03
Nb93m	2.E-05	6.E-01	5.E-04	1.E+01	2.E-12	4.E-08	3.E-03	8.E+01	3.E-03	7.E+01	3.E-03	9.E+01	7.E-05	2.E+00
Ni63	1.E-01	5.E+02	1.E+00	6.E+03	7.E-02	3.E+02	4.E-01	2.E+03	8.E+00	3.E+04	8.E-01	3.E+03	1.E-02	5.E+01
Np237	1.E-03	2.E-04	5.E+00	9.E-01	4.E-08	6.E-09	6.E+01	1.E+01	6.E+00	1.E+00	3.E+01	4.E+00	1.E-01	2.E-02
Np239	2.E-12	1.E-04	1.E-08	6.E-01	1.E-14	8.E-07	5.E-11	3.E-03	5.E-08	3.E+00	4.E-08	2.E+00	2.E-12	9.E-05
Pa231	5.E-06	6.E-05	4.E-05	4.E-04	5.E-08	5.E-07	1.E-04	1.E-03	7.E-05	8.E-04	1.E-04	1.E-03	5.E-06	5.E-05
Pa233	5.E-11	2.E-04	2.E-07	9.E-01	1.E-15	6.E-09	2.E-06	1.E+01	2.E-07	1.E+00	9.E-07	4.E+00	4.E-09	2.E-02
Pa234m	2.E-11	3.E+00	3.E-13	4.E-02	3.E-13	4.E-02	5.E-12	8.E-01	3.E-13	5.E-02	2.E-13	4.E-02	5.E-12	8.E-01
Pb209	1.E-17	1.E-08	3.E-17	3.E-08	2.E-17	2.E-08	3.E-16	3.E-07	6.E-17	6.E-08	1.E-16	1.E-07	5.E-18	5.E-09
Pb210	2.E-15	3.E-11	2.E-15	3.E-11	3.E-16	4.E-12	1.E-15	2.E-11	7.E-15	1.E-10	1.E-14	2.E-10	2.E-15	3.E-11
Pb211	3.E-15	2.E-05	3.E-14	2.E-04	2.E-17	9.E-08	1.E-13	6.E-04	6.E-14	3.E-04	1.E-13	6.E-04	5.E-15	3.E-05
Pb214	2.E-20	2.E-10	2.E-20	1.E-10	3.E-22	2.E-12	1.E-20	9.E-11	8.E-20	6.E-10	1.E-19	7.E-10	1.E-20	1.E-10
Pd107	4.E-18	2.E-19	3.E+01	2.E+00	1.E-17	8.E-19	2.E+02	9.E+00	8.E+01	4.E+00	1.E+02	6.E+00	1.E-01	7.E-03
Po210	3.E-17	3.E-11	4.E-17	3.E-11	5.E-18	4.E-12	2.E-17	2.E-11	1.E-16	1.E-10	2.E-16	2.E-10	3.E-17	2.E-11
Po213	4.E-27	1.E-08	9.E-27	3.E-08	6.E-27	1.E-08	1.E-25	3.E-07	2.E-26	6.E-08	4.E-26	1.E-07	2.E-27	5.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-101 MOLES	TANK BX-101 CURIES	TANK BX-102 MOLES	TANK BX-102 CURIES	TANK BX-103 MOLES	TANK BX-103 CURIES	TANK BX-104 MOLES	TANK BX-104 CURIES	TANK BX-105 MOLES	TANK BX-105 CURIES	TANK BX-106 MOLES	TANK BX-106 CURIES	TANK BX-107 MOLES	TANK BX-107 CURIES
Po214	3.E-27	2.E-10	3.E-27	2.E-10	3.E-29	2.E-12	2.E-27	1.E-10	1.E-26	7.E-10	1.E-26	8.E-10	2.E-27	1.E-10
Po215	3.E-21	2.E-05	3.E-20	2.E-04	1.E-23	9.E-08	1.E-19	6.E-04	5.E-20	3.E-04	1.E-19	6.E-04	4.E-21	3.E-05
Po218	3.E-21	2.E-10	2.E-21	1.E-10	3.E-23	2.E-12	1.E-21	9.E-11	9.E-21	6.E-10	1.E-20	7.E-10	2.E-21	1.E-10
Pu238	3.E-03	1.E+01	3.E-04	1.E+00	5.E-05	2.E-01	5.E-04	2.E+00	1.E-04	5.E-01	9.E-05	4.E-01	3.E-05	1.E-01
Pu239	3.E+01	5.E+02	2.E+00	3.E+01	2.E-05	2.E-04	4.E+00	6.E+01	8.E-05	1.E-03	9.E-05	1.E-03	3.E+00	5.E+01
Pu240	3.E+00	1.E+02	2.E-01	9.E+00	6.E-06	3.E-04	3.E-01	2.E+01	3.E-04	2.E-02	3.E-04	2.E-02	8.E-02	5.E+00
Pu241	2.E-01	4.E+03	1.E-02	3.E+02	1.E-07	3.E-03	1.E-02	3.E+02	1.E-07	3.E-03	2.E-07	6.E-03	6.E-04	1.E+01
Ra223	1.E-12	2.E-05	1.E-11	2.E-04	8.E-15	9.E-08	5.E-11	6.E-04	3.E-11	3.E-04	5.E-11	6.E-04	2.E-12	3.E-05
Ra225	1.E-15	1.E-08	3.E-15	3.E-08	2.E-15	2.E-08	3.E-14	3.E-07	7.E-15	6.E-08	1.E-14	1.E-07	5.E-16	5.E-09
Ra226	8.E-13	2.E-10	6.E-13	1.E-10	8.E-15	2.E-12	4.E-13	9.E-11	3.E-12	6.E-10	3.E-12	7.E-10	5.E-13	1.E-10
Ru106	3.E-07	1.E-01	9.E-07	3.E-01	1.E-06	5.E-01	3.E-06	1.E+00	7.E-06	3.E+00	2.E-05	8.E+00	9.E-11	3.E-05
Sb126	1.E-08	1.E-01	5.E-16	5.E-09	3.E-15	3.E-08	2.E-08	2.E-01	9.E-15	9.E-08	6.E-07	6.E+00	3.E-08	3.E-01
Sb126m	1.E-11	1.E-01	5.E-19	5.E-09	3.E-18	3.E-08	2.E-11	2.E-01	1.E-17	9.E-08	7.E-10	6.E+00	4.E-11	3.E-01
Se79	3.E-19	2.E-18	3.E+00	2.E+01	2.E-18	1.E-17	2.E+01	9.E+01	8.E+00	4.E+01	1.E+01	7.E+01	3.E-02	1.E-01
Sm151	7.E-02	3.E+02	2.E-07	1.E-03	1.E-06	4.E-03	4.E-02	2.E+02	6.E-07	2.E-03	2.E+00	7.E+03	3.E-01	1.E+03
Sn126	4.E-02	1.E-01	1.E-09	5.E-09	8.E-09	3.E-08	5.E-02	2.E-01	3.E-08	9.E-08	2.E+00	6.E+00	1.E-01	3.E-01
Sr90	1.E-19	1.E-15	1.E+01	2.E+05	2.E+01	3.E+05	2.E+00	2.E+04	4.E+02	5.E+06	2.E+02	2.E+06	4.E+00	5.E+04
Tc99	4.E-17	6.E-17	4.E+02	6.E+02	2.E-16	4.E-16	2.E+03	3.E+03	9.E+02	2.E+03	1.E+03	2.E+03	3.E+00	5.E+00
Th227	2.E-12	2.E-05	2.E-11	2.E-04	1.E-14	9.E-08	8.E-11	6.E-04	4.E-11	3.E-04	8.E-11	6.E-04	4.E-12	3.E-05
Th229	2.E-10	1.E-08	5.E-10	3.E-08	3.E-10	2.E-08	6.E-09	3.E-07	1.E-09	6.E-08	2.E-09	1.E-07	1.E-10	5.E-09
Th230	1.E-08	6.E-08	5.E-10	2.E-09	2.E-10	8.E-10	4.E-09	2.E-08	2.E-10	1.E-09	3.E-09	1.E-08	4.E-09	2.E-08
Th231	1.E-09	1.E-01	2.E-11	2.E-03	2.E-11	2.E-03	3.E-10	3.E-02	2.E-11	2.E-03	2.E-11	2.E-03	3.E-10	3.E-02
Th234	6.E-07	3.E+00	8.E-09	4.E-02	8.E-09	4.E-02	2.E-07	8.E-01	8.E-09	5.E-02	7.E-09	4.E-02	1.E-07	8.E-01
Tl207	4.E-16	2.E-05	4.E-15	2.E-04	2.E-18	9.E-08	2.E-14	6.E-04	7.E-15	3.E-04	2.E-14	6.E-04	7.E-16	3.E-05
U233	5.E-06	1.E-05	2.E-05	5.E-05	6.E-06	1.E-05	2.E-04	5.E-04	3.E-05	8.E-05	6.E-05	1.E-04	1.E-06	3.E-06
U234	5.E-04	7.E-04	3.E-05	4.E-05	7.E-06	1.E-05	1.E-04	2.E-04	1.E-05	1.E-05	7.E-06	1.E-05	6.E-05	9.E-05
U235	3.E+02	1.E-01	4.E+00	2.E-03	4.E+00	2.E-03	7.E+01	3.E-02	4.E+00	2.E-03	4.E+00	2.E-03	7.E+01	3.E-02
U238	4.E+04	3.E+00	6.E+02	4.E-02	5.E+02	4.E-02	1.E+04	8.E-01	6.E+02	5.E-02	5.E+02	4.E-02	1.E+04	8.E-01
Y90	3.E-23	1.E-15	3.E-03	2.E+05	6.E-03	3.E+05	5.E-04	2.E+04	1.E-01	5.E+06	4.E-02	2.E+06	1.E-03	6.E+04
Zr93	4.E+00	9.E-01	6.E-08	1.E-08	2.E-07	6.E-08	4.E+00	9.E-01	6.E-08	1.E-08	4.E-09	9.E-10	1.E+01	2.E+00
Ag	8.E-24	0.	5.E-05	0.	4.E-23	0.	3.E-04	0.	1.E-04	0.	4.E-04	0.	5.E-07	0.
Al	1.E+06	0.	6.E+06	0.	4.E+06	0.	5.E+05	0.	2.E+06	0.	2.E+07	0.	1.E+05	0.
Ba	3.E+00	0.	1.E+01	0.	5.E+00	0.	2.E+01	0.	1.E+01	0.	1.E+02	0.	3.E+00	0.
Bi	2.E-13	0.	3.E-12	0.	3.E-13	0.	3.E-12	0.	2.E-04	0.	2.E-12	0.	7.E+04	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E+03	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-101 MOLES	TANK BX-101 CURIES	TANK BX-102 MOLES	TANK BX-102 CURIES	TANK BX-103 MOLES	TANK BX-103 CURIES	TANK BX-104 MOLES	TANK BX-104 CURIES	TANK BX-105 MOLES	TANK BX-105 CURIES	TANK BX-106 MOLES	TANK BX-106 CURIES	TANK BX-107 MOLES	TANK BX-107 CURIES
C6H5O7	6.E-13	0.	5.E+05	0.	3.E-14	0.	0.	0.	1.E+06	0.	1.E+06	0.	0.	0.
CO3	1.E+05	0.	8.E+05	0.	1.E+06	0.	3.E+06	0.	4.E+05	0.	3.E+06	0.	8.E+05	0.
Ca	4.E+03	0.	4.E+02	0.	5.E+01	0.	0.	0.	1.E+00	0.	1.E+00	0.	0.	0.
Ce	7.E-20	0.	3.E+01	0.	3.E-17	0.	2.E-03	0.	2.E+01	0.	6.E+02	0.	1.E+02	0.
Cl	2.E-24	0.	1.E-04	0.	3.E-29	0.	1.E-07	0.	2.E-05	0.	5.E-04	0.	2.E-04	0.
Cr	3.E-01	0.	2.E-02	0.	3.E-06	0.	2.E-05	0.	2.E-05	0.	5.E+00	0.	1.E+04	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+03	0.	0.	0.
F	4.E-15	0.	8.E+04	0.	9.E+05	0.	1.E+00	0.	6.E+04	0.	5.E+05	0.	1.E+05	0.
Fe	1.E+05	0.	1.E+05	0.	1.E+03	0.	0.	0.	2.E+05	0.	2.E+05	0.	2.E+05	0.
Fe(CN)6	2.E+01	0.	3.E+03	0.	6.E+02	0.	9.E+00	0.	6.E+00	0.	1.E+03	0.	0.	0.
HEDTA	9.E-18	0.	6.E+01	0.	5.E-23	0.	3.E+02	0.	7.E+01	0.	1.E+04	0.	0.	0.
K	6.E-16	0.	1.E+04	0.	3.E-21	0.	3.E+04	0.	8.E+04	0.	3.E+05	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E-24	0.	0.	0.
Mn	2.E-15	0.	2.E+03	0.	3.E+02	0.	2.E+02	0.	4.E+03	0.	7.E+03	0.	0.	0.
NO2	2.E-14	0.	2.E+06	0.	3.E-11	0.	9.E+05	0.	2.E+05	0.	7.E+06	0.	8.E+04	0.
NO3	5.E-04	0.	2.E+07	0.	5.E+07	0.	5.E+07	0.	4.E+07	0.	1.E+08	0.	1.E+06	0.
Na	2.E+05	0.	2.E+07	0.	6.E+07	0.	7.E+07	0.	5.E+07	0.	1.E+08	0.	4.E+06	0.
Ni	1.E+04	0.	2.E+04	0.	1.E+03	0.	2.E+01	0.	3.E+04	0.	8.E+03	0.	0.	0.
OH	4.E+06	0.	1.E+07	0.	1.E+07	0.	3.E+06	0.	4.E+06	0.	7.E+06	0.	6.E+05	0.
PO4	2.E-15	0.	2.E+04	0.	4.E+04	0.	7.E+03	0.	2.E+05	0.	1.E+06	0.	3.E+05	0.
Pb	9.E+03	0.	1.E+04	0.	1.E+03	0.	1.E-08	0.	8.E-02	0.	2.E+04	0.	8.E-10	0.
SiO3	2.E-14	0.	2.E+06	0.	1.E+05	0.	2.E+04	0.	5.E+04	0.	3.E+05	0.	2.E+04	0.
SO4	2.E+03	0.	2.E+05	0.	2.E+05	0.	1.E+06	0.	3.E+05	0.	1.E+06	0.	2.E+05	0.
Sr	9.E-21	0.	3.E+02	0.	4.E+02	0.	1.E+02	0.	1.E+03	0.	2.E+02	0.	0.	0.
ZrO	3.E+00	0.	6.E+00	0.	1.E+01	0.	3.E+00	0.	7.E+01	0.	3.E+01	0.	2.E+04	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK BX-108		TANK BX-109		TANK BX-110		TANK BX-111		TANK BX-112		TANK BY-101		TANK BY-102	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	3.E-16	4.E-09	8.E-16	1.E-08	2.E-15	2.E-08	1.E-15	2.E-08	3.E-16	4.E-09	4.E-15	6.E-08	2.E-15	2.E-08
Ac227	8.E-11	1.E-06	3.E-09	6.E-05	7.E-09	1.E-04	7.E-09	1.E-04	2.E-08	3.E-04	9.E-09	1.E-04	3.E-09	4.E-05
Am241	4.E-04	3.E-01	3.E-02	3.E+01	8.E-02	6.E+01	8.E-02	6.E+01	3.E-03	2.E+00	1.E-01	8.E+01	3.E-02	2.E+01
Am242	2.E-14	4.E-06	3.E-10	5.E-02	7.E-10	1.E-01	7.E-10	1.E-01	3.E-11	6.E-03	1.E-09	2.E-01	3.E-10	5.E-02
Am242m	2.E-09	4.E-06	2.E-05	5.E-02	6.E-05	1.E-01	6.E-05	1.E-01	3.E-06	7.E-03	8.E-05	2.E-01	2.E-05	5.E-02
Am243	2.E-07	9.E-06	4.E-05	2.E-03	2.E-03	9.E-02	2.E-03	9.E-02	5.E-06	2.E-04	2.E-03	1.E-01	7.E-04	3.E-02
At217	1.E-23	4.E-09	3.E-23	1.E-08	6.E-23	2.E-08	5.E-23	2.E-08	1.E-23	4.E-09	2.E-22	6.E-08	6.E-23	2.E-08
Ba137m	7.E-09	5.E+02	2.E-07	2.E+04	6.E-06	4.E+05	6.E-06	4.E+05	1.E-07	8.E+03	8.E-06	6.E+05	2.E-06	2.E+05
Bi210	2.E-19	4.E-12	1.E-17	3.E-10	1.E-18	4.E-11	1.E-18	3.E-11	1.E-17	3.E-10	3.E-18	8.E-11	7.E-19	2.E-11
Bi211	2.E-17	1.E-06	7.E-16	6.E-05	1.E-15	1.E-04	1.E-15	1.E-04	4.E-15	3.E-04	2.E-15	1.E-04	5.E-16	4.E-05
Bi213	9.E-19	4.E-09	3.E-18	1.E-08	5.E-18	2.E-08	4.E-18	2.E-08	1.E-18	4.E-09	1.E-17	6.E-08	6.E-18	2.E-08
Bi214	2.E-21	2.E-11	1.E-19	9.E-10	1.E-20	1.E-10	1.E-20	1.E-10	2.E-19	2.E-09	1.E-20	1.E-10	8.E-21	7.E-11
C14	1.E-03	8.E-02	1.E-01	7.E+00	2.E+00	1.E+02	2.E+00	1.E+02	5.E-02	3.E+00	3.E+00	2.E+02	7.E-01	5.E+01
Cm242	4.E-12	3.E-06	5.E-08	4.E-02	1.E-07	1.E-01	1.E-07	1.E-01	7.E-09	5.E-03	2.E-07	2.E-01	6.E-08	4.E-02
Cm244	3.E-09	7.E-05	1.E-07	2.E-03	8.E-05	2.E+00	9.E-05	2.E+00	5.E-08	1.E-03	1.E-04	2.E+00	3.E-05	6.E-01
Cm245	3.E-11	1.E-09	8.E-10	3.E-08	2.E-06	7.E-05	2.E-06	7.E-05	5.E-10	2.E-08	2.E-06	9.E-05	7.E-07	3.E-05
Cs135	1.E-02	2.E-03	7.E-01	1.E-01	1.E+01	2.E+00	1.E+01	2.E+00	3.E-01	5.E-02	1.E+01	2.E+00	4.E+00	6.E-01
Cs137	5.E-02	6.E+02	2.E+00	2.E+04	4.E+01	5.E+05	4.E+01	5.E+05	7.E-01	9.E+03	5.E+01	6.E+05	1.E+01	2.E+05
Fr221	1.E-19	4.E-09	3.E-19	1.E-08	5.E-19	2.E-08	5.E-19	2.E-08	1.E-19	4.E-09	1.E-18	6.E-08	6.E-19	2.E-08
Fr223	2.E-18	2.E-08	9.E-17	8.E-07	2.E-16	2.E-06	2.E-16	2.E-06	5.E-16	5.E-06	2.E-16	2.E-06	7.E-17	6.E-07
I129	8.E-03	2.E-04	3.E-01	7.E-03	2.E+01	5.E-01	2.E+01	5.E-01	1.E-01	3.E-03	3.E+01	6.E-01	8.E+00	2.E-01
Nb93m	7.E-08	2.E-01	6.E-04	2.E+01	2.E-04	6.E+00	2.E-04	6.E+00	1.E-05	3.E-01	3.E-04	7.E+00	8.E-05	2.E+00
Ni63	2.E-05	9.E-02	2.E-02	8.E+01	6.E-03	2.E+01	6.E-03	2.E+01	1.E-02	4.E+01	1.E-01	6.E+02	2.E-01	8.E+02
Np237	3.E-03	5.E-04	1.E-01	2.E-02	6.E+00	9.E-01	6.E+00	1.E+00	6.E-02	1.E-02	7.E+00	1.E+00	2.E+00	4.E-01
Np239	2.E-13	9.E-06	4.E-11	2.E-03	1.E-09	8.E-02	2.E-09	8.E-02	4.E-12	2.E-04	2.E-09	1.E-01	6.E-10	3.E-02
Pa231	3.E-07	4.E-06	1.E-05	1.E-04	2.E-05	2.E-04	2.E-05	2.E-04	9.E-05	1.E-03	3.E-05	3.E-04	8.E-06	9.E-05
Pa233	1.E-10	5.E-04	5.E-09	2.E-02	2.E-07	9.E-01	2.E-07	1.E+00	2.E-09	1.E-02	3.E-07	1.E+00	7.E-08	4.E-01
Pa234m	9.E-13	1.E-01	3.E-11	4.E+00	1.E-12	2.E-01	6.E-13	1.E-01	2.E-10	4.E+01	3.E-13	5.E-02	3.E-12	4.E-01
Pb209	4.E-18	4.E-09	1.E-17	1.E-08	2.E-17	2.E-08	2.E-17	2.E-08	4.E-18	4.E-09	6.E-17	6.E-08	2.E-17	2.E-08
Pb210	2.E-16	4.E-12	2.E-14	2.E-10	2.E-15	3.E-11	2.E-15	3.E-11	2.E-14	3.E-10	5.E-15	7.E-11	1.E-15	2.E-11
Pb211	3.E-16	1.E-06	1.E-14	6.E-05	2.E-14	1.E-04	2.E-14	1.E-04	6.E-14	3.E-04	3.E-14	1.E-04	8.E-15	4.E-05
Pb214	2.E-21	2.E-11	1.E-19	9.E-10	2.E-20	1.E-10	2.E-20	1.E-10	3.E-19	2.E-09	2.E-20	1.E-10	1.E-20	7.E-11
Pd107	6.E-03	3.E-04	2.E-01	1.E-02	1.E+01	8.E-01	2.E+01	8.E-01	9.E-02	5.E-03	2.E+01	1.E+00	6.E+00	3.E-01
Po210	4.E-18	4.E-12	3.E-16	2.E-10	4.E-17	3.E-11	3.E-17	3.E-11	3.E-16	3.E-10	8.E-17	8.E-11	2.E-17	2.E-11
Po213	1.E-27	4.E-09	4.E-27	1.E-08	8.E-27	2.E-08	6.E-27	2.E-08	1.E-27	4.E-09	2.E-26	6.E-08	8.E-27	2.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-108 MOLES	TANK BX-108 CURIES	TANK BX-109 MOLES	TANK BX-109 CURIES	TANK BX-110 MOLES	TANK BX-110 CURIES	TANK BX-111 MOLES	TANK BX-111 CURIES	TANK BX-112 MOLES	TANK BX-112 CURIES	TANK BY-101 MOLES	TANK BY-101 CURIES	TANK BY-102 MOLES	TANK BY-102 CURIES
Po214	3.E-28	2.E-11	2.E-26	1.E-09	2.E-27	1.E-10	2.E-27	1.E-10	3.E-26	2.E-09	2.E-27	2.E-10	1.E-27	9.E-11
Po215	2.E-22	1.E-06	9.E-21	6.E-05	2.E-20	1.E-04	2.E-20	1.E-04	5.E-20	3.E-04	2.E-20	1.E-04	7.E-21	4.E-05
Po218	3.E-22	2.E-11	2.E-20	9.E-10	2.E-21	1.E-10	2.E-21	1.E-10	3.E-20	2.E-09	2.E-21	1.E-10	1.E-21	7.E-11
Pu238	3.E-06	1.E-02	1.E-04	5.E-01	3.E-05	1.E-01	1.E-05	4.E-02	3.E-05	1.E-01	3.E-05	1.E-01	5.E-05	2.E-01
Pu239	3.E-01	5.E+00	4.E+00	6.E+01	1.E+00	2.E+01	1.E-01	2.E+00	8.E-01	1.E+01	3.E-03	4.E-02	3.E-04	4.E-03
Pu240	8.E-03	5.E-01	1.E-01	7.E+00	4.E-02	2.E+00	4.E-03	2.E-01	4.E-02	2.E+00	2.E-04	8.E-03	3.E-05	2.E-03
Pu241	6.E-05	1.E+00	1.E-03	3.E+01	4.E-04	1.E+01	4.E-05	1.E+00	7.E-04	2.E+01	1.E-06	3.E-02	1.E-07	4.E-03
Ra223	1.E-13	1.E-06	5.E-12	6.E-05	1.E-11	1.E-04	1.E-11	1.E-04	3.E-11	3.E-04	1.E-11	1.E-04	4.E-12	4.E-05
Ra225	4.E-16	4.E-09	1.E-15	1.E-08	2.E-15	2.E-08	2.E-15	2.E-08	5.E-16	4.E-09	7.E-15	6.E-08	3.E-15	2.E-08
Ra226	7.E-14	2.E-11	4.E-12	9.E-10	5.E-13	1.E-10	5.E-13	1.E-10	8.E-12	2.E-09	6.E-13	1.E-10	3.E-13	7.E-11
Ru106	1.E-11	4.E-06	3.E-09	1.E-03	2.E-07	7.E-02	2.E-07	8.E-02	2.E-10	9.E-05	3.E-07	1.E-01	1.E-07	4.E-02
Sb126	3.E-09	3.E-02	3.E-07	3.E+00	7.E-09	7.E-02	7.E-10	7.E-03	6.E-09	6.E-02	2.E-10	2.E-03	2.E-11	2.E-04
Sb126m	4.E-12	3.E-02	3.E-10	3.E+00	7.E-12	7.E-02	7.E-13	7.E-03	6.E-12	6.E-02	2.E-13	2.E-03	2.E-14	2.E-04
Se79	6.E-04	3.E-03	2.E-02	1.E-01	2.E+00	9.E+00	2.E+00	9.E+00	1.E-02	6.E-02	2.E+00	1.E+01	6.E-01	3.E+00
Sm151	3.E-02	1.E+02	2.E+00	8.E+03	3.E-02	1.E+02	3.E-03	1.E+01	2.E-02	8.E+01	1.E-03	5.E+00	1.E-04	5.E-01
Sn126	1.E-02	3.E-02	9.E-01	3.E+00	2.E-02	7.E-02	2.E-03	7.E-03	2.E-02	6.E-02	6.E-04	2.E-03	6.E-05	2.E-04
Sr90	5.E-01	6.E+03	4.E+01	5.E+05	2.E+01	3.E+05	2.E+01	3.E+05	4.E-01	5.E+03	3.E+01	4.E+05	1.E+01	2.E+05
Tc99	7.E-02	1.E-01	3.E+00	4.E+00	2.E+02	3.E+02	2.E+02	3.E+02	1.E+00	2.E+00	2.E+02	4.E+02	7.E+01	1.E+02
Th227	2.E-13	1.E-06	8.E-12	5.E-05	2.E-11	1.E-04	2.E-11	1.E-04	5.E-11	3.E-04	2.E-11	1.E-04	6.E-12	4.E-05
Th229	8.E-11	4.E-09	2.E-10	1.E-08	4.E-10	2.E-08	4.E-10	2.E-08	8.E-11	4.E-09	1.E-09	6.E-08	5.E-10	2.E-08
Th230	6.E-10	3.E-09	3.E-08	1.E-07	9.E-10	4.E-09	3.E-10	1.E-09	9.E-08	4.E-07	2.E-10	1.E-09	2.E-09	1.E-08
Th231	5.E-11	6.E-03	1.E-09	2.E-01	8.E-11	1.E-02	3.E-11	4.E-03	1.E-08	2.E+00	2.E-11	2.E-03	1.E-10	2.E-02
Th234	3.E-08	1.E-01	8.E-07	4.E+00	4.E-08	2.E-01	2.E-08	1.E-01	7.E-06	4.E+01	1.E-08	5.E-02	8.E-08	4.E-01
Tl207	3.E-17	1.E-06	1.E-15	6.E-05	3.E-15	1.E-04	3.E-15	1.E-04	8.E-15	3.E-04	4.E-15	1.E-04	1.E-15	4.E-05
U233	1.E-06	2.E-06	3.E-06	6.E-06	2.E-05	4.E-05	2.E-05	4.E-05	1.E-06	3.E-06	4.E-05	8.E-05	1.E-05	3.E-05
U234	1.E-05	1.E-05	3.E-04	5.E-04	2.E-05	3.E-05	7.E-06	1.E-05	2.E-03	3.E-03	7.E-06	1.E-05	7.E-05	1.E-04
U235	1.E+01	6.E-03	4.E+02	2.E-01	2.E+01	1.E-02	9.E+00	4.E-03	3.E+03	2.E+00	4.E+00	2.E-03	4.E+01	2.E-02
U238	2.E+03	1.E-01	5.E+04	4.E+00	3.E+03	2.E-01	1.E+03	1.E-01	5.E+05	4.E+01	7.E+02	5.E-02	5.E+03	4.E-01
Y90	1.E-04	6.E+03	1.E-02	5.E+05	6.E-03	3.E+05	6.E-03	3.E+05	1.E=04	6.E+03	9.E-03	4.E+05	4.E-03	2.E+05
Zr93	1.E+00	2.E-01	9.E+01	2.E+01	2.E+00	5.E-01	2.E-01	5.E-02	2.E+00	4.E-01	6.E-02	1.E-02	6.E-03	1.E-03
Ag	1.E-08	0.	4.E-07	0.	3.E-05	0.	3.E-05	0.	2.E-07	0.	3.E-05	0.	1.E-05	0.
Al	3.E+05	0.	4.E+05	0.	3.E+06	0.	3.E+06	0.	4.E+05	0.	4.E+06	0.	2.E+06	0.
Ba	2.E+00	0.	1.E+01	0.	1.E+01	0.	1.E+01	0.	2.E+00	0.	3.E+01	0.	1.E+01	0.
Bi	7.E+03	0.	8.E+02	0.	5.E+04	0.	5.E+03	0.	3.E+04	0.	7.E-13	0.	2.E-12	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-108 MOLES	TANK BX-108 CURIES	TANK BX-109 MOLES	TANK BX-109 CURIES	TANK BX-110 MOLES	TANK BX-110 CURIES	TANK BX-111 MOLES	TANK BX-111 CURIES	TANK BX-112 MOLES	TANK BX-112 CURIES	TANK BY-101 MOLES	TANK BY-101 CURIES	TANK BY-102 MOLES	TANK BY-102 CURIES
C6H5O7	0.	0.	0.	0.	3.E+05	0.	3.E+05	0.	0.	0.	3.E+05	0.	1.E+05	0.
CO3	4.E+03	0.	3.E+05	0.	8.E+05	0.	9.E+05	0.	7.E+04	0.	1.E+06	0.	3.E+05	0.
Ca	1.E-07	0.	1.E-04	0.	2.E-03	0.	4.E-03	0.	0.	0.	5.E-03	0.	2.E-02	0.
Ce	3.E-01	0.	2.E-02	0.	7.E+01	0.	7.E+01	0.	6.E+01	0.	9.E+01	0.	3.E+01	0.
Cl	4.E-07	0.	6.E-05	0.	2.E-04	0.	2.E-04	0.	2.E-05	0.	3.E-04	0.	8.E-05	0.
Cr	1.E+03	0.	1.E+02	0.	7.E+03	0.	7.E+02	0.	4.E+03	0.	6.E-13	0.	2.E-12	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	2.E+04	0.	1.E+01	0.	1.E+05	0.	1.E+05	0.	5.E+04	0.	1.E+05	0.	1.E+06	0.
Fe	2.E+04	0.	2.E+03	0.	1.E+05	0.	6.E+04	0.	6.E+04	0.	6.E+04	0.	2.E+04	0.
Fe(CN)6	5.E-02	0.	3.E+01	0.	1.E+03	0.	1.E+03	0.	2.E-14	0.	1.E+03	0.	4.E+02	0.
HEDTA	0.	0.	0.	0.	1.E+01	0.	1.E+01	0.	0.	0.	2.E+01	0.	5.E+00	0.
K	0.	0.	-1.E-03	0.	8.E+03	0.	8.E+03	0.	0.	0.	1.E+04	0.	3.E+03	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	8.E+02	0.	9.E+02	0.	0.	0.	1.E+03	0.	3.E+02	0.
NO2	8.E+03	0.	2.E+05	0.	3.E+06	0.	3.E+06	0.	1.E+05	0.	4.E+06	0.	1.E+06	0.
NO3	2.E+04	0.	1.E+06	0.	1.E+07	0.	1.E+07	0.	1.E+06	0.	2.E+07	0.	4.E+07	0.
Na	4.E+04	0.	2.E+06	0.	8.E+06	0.	9.E+06	0.	2.E+06	0.	2.E+07	0.	4.E+07	0.
Ni	6.E-13	0.	6.E-03	0.	5.E-01	0.	5.E-01	0.	2.E-26	0.	2.E+00	0.	1.E+02	0.
OH	1.E+06	0.	9.E+05	0.	1.E+06	0.	4.E+04	0.	9.E+05	0.	1.E+06	0.	5.E+06	0.
PO4	7.E+03	0.	4.E+04	0.	1.E+05	0.	3.E+05	0.	5.E+05	0.	6.E+05	0.	2.E+04	0.
Pb	3.E-11	0.	1.E-09	0.	5.E-03	0.	5.E-03	0.	6.E-09	0.	1.E-02	0.	1.E+00	0.
SiO3	2.E+02	0.	4.E+03	0.	8.E+04	0.	8.E+04	0.	1.E+04	0.	1.E+05	0.	3.E+04	0.
SO4	4.E+02	0.	4.E+04	0.	2.E+05	0.	2.E+05	0.	3.E+04	0.	3.E+05	0.	8.E+04	0.
Sr	0.	0.	2.E-03	0.	7.E+01	0.	7.E+01	0.	0.	0.	9.E+01	0.	5.E+03	0.
ZrO	2.E+03	0.	3.E+02	0.	2.E+04	0.	2.E+03	0.	9.E+03	0.	1.E+01	0.	5.E+00	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK BY-103 MOLES	TANK BY-103 CURIES	TANK BY-104 MOLES	TANK BY-104 CURIES	TANK BY-105 MOLES	TANK BY-105 CURIES	TANK BY-106 MOLES	TANK BY-106 CURIES	TANK BY-107 MOLES	TANK BY-107 CURIES	TANK BY-108 MOLES	TANK BY-108 CURIES	TANK BY-109 MOLES	TANK BY-109 CURIES
Ac225	4.E-15	5.E-08	3.E-15	4.E-08	3.E-15	4.E-08	3.E-15	4.E-08	2.E-15	3.E-08	2.E-15	3.E-08	1.E-15	2.E-08
Ac227	1.E-09	2.E-05	3.E-08	5.E-04	1.E-08	2.E-04	9.E-09	1.E-04	5.E-09	9.E-05	4.E-09	7.E-05	3.E-09	5.E-05
Am241	2.E-01	2.E+02	3.E-01	2.E+02	2.E-01	2.E+02	1.E-01	1.E+02	7.E-02	6.E+01	1.E-01	9.E+01	3.E-02	3.E+01
Am242	1.E-10	3.E-02	1.E-09	3.E-01	1.E-09	2.E-01	1.E-09	2.E-01	4.E-10	8.E-02	7.E-10	1.E-01	3.E-10	8.E-02
Am242m	1.E-05	3.E-02	1.E-04	3.E-01	1.E-04	2.E-01	9.E-05	2.E-01	4.E-05	8.E-02	5.E-05	1.E-01	3.E-05	6.E-02
Am243	3.E-04	1.E-02	3.E-03	2.E-01	2.E-03	1.E-01	3.E-03	1.E-01	1.E-03	6.E-02	2.E-03	9.E-02	8.E-04	4.E-02
At217	1.E-22	5.E-08	1.E-22	4.E-08	1.E-22	4.E-08	1.E-22	4.E-08	8.E-23	3.E-08	7.E-23	3.E-08	5.E-23	2.E-08
Ba137m	4.E-07	3.E+04	8.E-06	6.E+05	6.E-06	5.E+05	8.E-06	6.E+05	3.E-06	2.E+05	4.E-06	3.E+05	3.E-06	2.E+05
Bi210	2.E-18	6.E-11	3.E-17	7.E-10	2.E-17	5.E-10	5.E-18	1.E-10	5.E-18	1.E-10	3.E-18	8.E-11	5.E-19	1.E-11
Bi211	2.E-16	2.E-05	5.E-15	5.E-04	3.E-15	2.E-04	2.E-15	1.E-04	1.E-15	9.E-05	8.E-16	7.E-05	5.E-16	5.E-05
Bi213	1.E-17	5.E-08	9.E-18	4.E-08	9.E-18	4.E-08	9.E-18	4.E-08	7.E-18	3.E-08	7.E-18	3.E-08	4.E-18	2.E-08
Bi214	3.E-20	3.E-10	4.E-19	4.E-09	2.E-19	2.E-09	6.E-20	5.E-10	7.E-20	6.E-10	5.E-20	5.E-10	5.E-21	5.E-11
C14	2.E-01	1.E+01	3.E+00	2.E+02	2.E+00	1.E+02	3.E+00	2.E+02	1.E+00	6.E+01	1.E+00	6.E+01	8.E-01	5.E+01
Cm242	3.E-08	2.E-02	3.E-07	2.E-01	3.E-07	2.E-01	2.E-07	2.E-01	9.E-08	7.E-02	1.E-07	1.E-01	6.E-08	5.E-02
Cm244	6.E-06	1.E-01	1.E-04	2.E+00.	9.E-05	2.E+00	1.E-04	2.E+00	4.E-05	8.E-01	6.E-05	1.E+00	4.E-05	7.E-01
Cm245	1.E-07	5.E-06	2.E-06	1.E-04	2.E-06	8.E-05	2.E-06	1.E-04	8.E-07	4.E-05	1.E-06	6.E-05	7.E-07	3.E-05
Cs135	6.E-01	1.E-01	1.E+01	2.E+00	1.E+01	2.E+00	1.E+01	2.E+00	5.E+00	7.E-01	6.E+00	1.E+00	4.E+00	7.E-01
Cs137	2.E+00	3.E+04	5.E+01	6.E+05	4.E+01	5.E+05	5.E+01	6.E+05	2.E+01	2.E+05	2.E+01	3.E+05	2.E+01	2.E+05
Fr221	1.E-18	5.E-08	9.E-19	4.E-08	1.E-18	4.E-08	9.E-19	4.E-08	7.E-19	3.E-08	7.E-19	3.E-08	5.E-19	2.E-08
Fr223	3.E-17	3.E-07	8.E-16	7.E-06	4.E-16	3.E-06	2.E-16	2.E-06	1.E-16	1.E-06	1.E-16	1.E-06	8.E-17	7.E-07
I129	1.E+00	3.E-02	3.E+01	7.E-01	2.E+01	5.E-01	3.E+01	6.E-01	1.E+01	2.E-01	1.E+01	3.E-01	9.E+00	2.E-01
Nb93m	8.E-05	2.E+00	1.E-03	3.E+01	1.E-03	3.E+01	5.E-04	1.E+01	3.E-04	8.E+00	3.E-04	7.E+00	9.E-05	2.E+00
Ni63	9.E-01	4.E+03	5.E-01	2.E+03	6.E-01	2.E+03	1.E-01	4.E+02	2.E-01	8.E+02	3.E-01	1.E+03	1.E-01	5.E+02
Np237	4.E-01	6.E-02	7.E+00	1.E+00	6.E+00	1.E+00	7.E+00	1.E+00	3.E+00	5.E-01	4.E+00	7.E-01	2.E+00	4.E-01
Np239	2.E-10	1.E-02	3.E-09	2.E-01	2.E-09	1.E-01	2.E-09	1.E-01	1.E-09	5.E-02	2.E-09	8.E-02	6.E-10	3.E-02
Pa231	7.E-06	8.E-05	1.E-04	1.E-03	6.E-05	6.E-04	3.E-05	3.E-04	2.E-05	2.E-04	1.E-05	1.E-04	9.E-06	1.E-04
Pa233	1.E-08	6.E-02	3.E-07	1.E+00	2.E-07	1.E+00	3.E-07	1.E+00	1.E-07	5.E-01	2.E-07	7.E-01	8.E-08	4.E-01
Pa234m	3.E-11	5.E+00	3.E-10	5.E+01	1.E-10	2.E+01	2.E-12	2.E-01	3.E-11	5.E+00	6.E-12	9.E-01	2.E-12	3.E-01
Pb209	6.E-17	5.E-08	4.E-17	4.E-08	4.E-17	4.E-08	4.E-17	4.E-08	3.E-17	3.E-08	3.E-17	3.E-08	2.E-17	2.E-08
Pb210	3.E-15	5.E-11	4.E-14	6.E-10	3.E-14	5.E-10	7.E-15	1.E-10	8.E-15	1.E-10	5.E-15	8.E-11	8.E-16	1.E-11
Pb211	4.E-15	2.E-05	9.E-14	5.E-04	5.E-14	2.E-04	3.E-14	1.E-04	2.E-14	9.E-05	1.E-14	7.E-05	9.E-15	5.E-05
Pb214	4.E-20	3.E-10	6.E-19	4.E-09	3.E-19	2.E-09	8.E-20	5.E-10	9.E-20	6.E-10	7.E-20	5.E-10	7.E-21	5.E-11
Pd107	9.E-01	5.E-02	2.E+01	1.E+00	2.E+01	9.E-01	2.E+01	1.E+00	7.E+00	4.E-01	9.E+00	5.E-01	6.E+00	3.E-01
Po210	6.E-17	5.E-11	7.E-16	6.E-10	5.E-16	5.E-10	1.E-16	1.E-10	1.E-16	1.E-10	8.E-17	8.E-11	1.E-17	1.E-11
Po213	2.E-26	5.E-08	1.E-26	4.E-08	1.E-26	4.E-08	1.E-26	4.E-08	1.E-26	3.E-08	1.E-26	3.E-08	6.E-27	2.E-08

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-103 MOLES	TANK BY-103 CURIES	TANK BY-104 MOLES	TANK BY-104 CURIES	TANK BY-105 MOLES	TANK BY-105 CURIES	TANK BY-106 MOLES	TANK BY-106 CURIES	TANK BY-107 MOLES	TANK BY-107 CURIES	TANK BY-108 MOLES	TANK BY-108 CURIES	TANK BY-109 MOLES	TANK BY-109 CURIES
Po214	5.E-27	3.E-10	7.E-26	5.E-09	4.E-26	3.E-09	1.E-26	7.E-10	1.E-26	8.E-10	9.E-27	6.E-10	9.E-28	6.E-11
Po215	3.E-21	2.E-05	8.E-20	5.E-04	4.E-20	2.E-04	2.E-20	1.E-04	1.E-20	9.E-05	1.E-20	7.E-05	8.E-21	5.E-05
Po218	4.E-21	3.E-10	6.E-20	4.E-09	4.E-20	2.E-09	9.E-21	5.E-10	1.E-20	6.E-10	8.E-21	5.E-10	8.E-22	5.E-11
Pu238	5.E-03	2.E+01	1.E-02	4.E+01	3.E-03	1.E+01	3.E-03	1.E+01	2.E-03	7.E+00	3.E-03	1.E+01	4.E-05	2.E-01
Pu239	6.E+01	9.E+02	1.E+01	2.E+02	6.E+00	9.E+01	2.E+00	3.E+01	2.E+00	3.E+01	2.E+00	3.E+01	5.E-06	8.E-05
Pu240	4.E+00	2.E+02	5.E-01	3.E+01	3.E-01	2.E+01	1.E-01	6.E+00	1.E-01	6.E+00	1.E-01	6.E+00	2.E-05	1.E-03
Pu241	2.E-01	4.E+03	8.E-03	2.E+02	5.E-03	1.E+02	2.E-03	6.E+01	2.E-03	5.E+01	2.E-03	6.E+01	3.E-08	6.E-04
Ra223	2.E-12	2.E-05	4.E-11	5.E-04	2.E-11	2.E-04	1.E-11	1.E-04	8.E-12	9.E-05	6.E-12	7.E-05	4.E-12	5.E-05
Ra225	6.E-15	5.E-08	4.E-15	4.E-08	4.E-15	4.E-08	4.E-15	4.E-08	3.E-15	3.E-08	3.E-15	3.E-08	2.E-15	2.E-08
Ra226	1.E-12	3.E-10	2.E-11	4.E-09	1.E-11	2.E-09	2.E-12	5.E-10	3.E-12	6.E-10	2.E-12	5.E-10	2.E-13	5.E-11
Ru106	3.E-05	1.E+01	4.E-07	2.E-01	3.E-07	1.E-01	3.E-07	1.E-01	1.E-07	5.E-02	2.E-07	6.E-02	9.E-08	3.E-02
Sb126	5.E-08	6.E-01	6.E-07	6.E+00	4.E-07	5.E+00	1.E-07	1.E+00	1.E-07	1.E+00	1.E-07	2.E+00	2.E-15	2.E-08
Sb126m	6.E-11	6.E-01	6.E-10	6.E+00	5.E-10	5.E+00	1.E-10	1.E+00	1.E-10	1.E+00	2.E-10	2.E+00	2.E-18	2.E-08
Se79	1.E-01	6.E-01	2.E+00	1.E+01	2.E+00	1.E+01	2.E+00	1.E+01	8.E-01	4.E+00	1.E+00	5.E+00	7.E-01	4.E+00
Sm151	2.E-01	7.E+02	3.E+00	1.E+04	2.E+00	7.E+03	6.E-01	2.E+03	5.E-01	2.E+03	6.E-01	2.E+03	3.E-07	1.E-03
Sn126	2.E-01	5.E-01	2.E+00	6.E+00	1.E+00	4.E+00	4.E-01	1.E+00	3.E-01	1.E+00	4.E-01	1.E+00	5.E-09	2.E-08
Sr90	7.E+01	8.E+05	3.E+01	3.E+05	2.E+01	3.E+05	4.E+01	4.E+05	2.E+01	2.E+05	5.E+00	6.E+04	1.E+01	1.E+05
Tc99	1.E+01	2.E+01	3.E+02	4.E+02	2.E+02	3.E+02	3.E+02	4.E+02	9.E+01	2.E+02	1.E+02	2.E+02	8.E+01	1.E+02
Th227	3.E-12	2.E-05	7.E-11	5.E-04	3.E-11	2.E-04	2.E-11	1.E-04	1.E-11	8.E-05	9.E-12	7.E-05	6.E-12	5.E-05
Th229	1.E-09	5.E-08	8.E-10	4.E-08	8.E-10	4.E-08	8.E-10	4.E-08	6.E-10	3.E-08	5.E-10	3.E-08	4.E-10	2.E-08
Th230	2.E-08	1.E-07	2.E-07	1.E-06	9.E-08	4.E-07	2.E-08	1.E-07	3.E-08	1.E-07	3.E-08	1.E-07	4.E-10	2.E-09
Th231	2.E-09	2.E-01	2.E-08	2.E+00	6.E-09	8.E-01	9.E-11	1.E-02	2.E-09	2.E-01	3.E-10	4.E-02	1.E-10	1.E-02
Th234	9.E-07	5.E+00	9.E-06	5.E+01	3.E-06	2.E+01	4.E-08	2.E-01	9.E-07	5.E+00	2.E-07	9.E-01	6.E-08	3.E-01
Tl207	5.E-16	2.E-05	1.E-14	5.E-04	6.E-15	2.E-04	4.E-15	1.E-04	2.E-15	9.E-05	2.E-15	7.E-05	1.E-15	5.E-05
U233	2.E-05	4.E-05	3.E-05	6.E-05	3.E-05	6.E-05	3.E-05	7.E-05	2.E-05	4.E-05	2.E-05	4.E-05	1.E-05	3.E-05
U234	9.E-04	1.E-03	5.E-03	7.E-03	2.E-03	3.E-03	6.E-04	8.E-04	7.E-04	1.E-03	6.E-04	9.E-04	2.E-05	2.E-05
U235	4.E+02	2.E-01	4.E+03	2.E+00	2.E+03	8.E-01	2.E+01	1.E-02	4.E+02	2.E-01	7.E+01	4.E-02	3.E+01	1.E-02
U238	6.E+04	5.E+00	6.E+05	5.E+01	2.E+05	2.E+01	3.E+03	2.E-01	6.E+04	5.E+00	1.E+04	9.E-01	4.E+03	3.E-01
Y90	2.E-02	9.E+05	7.E-03	4.E+05	6.E-03	3.E+05	9.E-03	5.E+05	4.E-03	2.E+05	1.E-03	6.E+04	3.E-03	1.E+05
Zr93	1.E+01	3.E+00	2.E+02	4.E+01	1.E+02	3.E+01	4.E+01	9.E+00	3.E+01	7.E+00	4.E+01	9.E+00	0.	0.
Ag	2.E-06	0.	3.E-05	0.	3.E-05	0.	3.E-05	0.	1.E-05	0.	2.E-05	0.	1.E-05	0.
Al	4.E+06	0.	4.E+06	0.	6.E+06	0.	5.E+06	0.	2.E+06	0.	2.E+06	0.	3.E+06	0.
Ba	2.E+01	0.	3.E+01	0.	2.E+01	0.	2.E+01	0.	1.E+01	0.	1.E+01	0.	9.E+00	0.
Bi	4.E-04	0.	5.E+04	0.	3.E+04	0.	1.E-06	0.	1.E+04	0.	1.E+03	0.	1.E-05	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-103 MOLES	TANK BY-103 CURIES	TANK BY-104 MOLES	TANK BY-104 CURIES	TANK BY-105 MOLES	TANK BY-105 CURIES	TANK BY-106 MOLES	TANK BY-106 CURIES	TANK BY-107 MOLES	TANK BY-107 CURIES	TANK BY-108 MOLES	TANK BY-108 CURIES	TANK BY-109 MOLES	TANK BY-109 CURIES
C6H5O7	2.E+04	0.	4.E+05	0.	3.E+05	0.	3.E+05	0.	1.E+05	0.	2.E+05	0.	1.E+05	0.
CO3	1.E+05	0.	3.E+06	0.	2.E+06	0.	1.E+06	0.	6.E+05	0.	7.E+05	0.	4.E+05	0.
Ca	4.E-01	0.	7.E+04	0.	1.E+05	0.	2.E+04	0.	7.E+03	0.	1.E+04	0.	2.E-02	0.
Ce	5.E+00	0.	1.E+02	0.	7.E+01	0.	1.E+02	0.	3.E+01	0.	5.E+01	0.	3.E+01	0.
Cl	1.E-05	0.	3.E-04	0.	2.E-04	0.	3.E-04	0.	1.E-04	0.	2.E-04	0.	9.E-05	0.
Cr	5.E-05	0.	6.E+03	0.	5.E+03	0.	1.E-07	0.	2.E+03	0.	2.E+02	0.	1.E-06	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	4.E+06	0.	1.E+05	0.	1.E+05	0.	1.E+05	0.	5.E+04	0.	9.E+04	0.	2.E+05	0.
Fe	3.E+03	0.	2.E+05	0.	1.E+05	0.	6.E+04	0.	5.E+04	0.	4.E+04	0.	2.E+04	0.
Fe(CN)6	2.E+03	0.	1.E+05	0.	7.E+04	0.	3.E+04	0.	3.E+04	0.	3.E+04	0.	4.E+02	0.
HEDTA	9.E-01	0.	2.E+01	0.	1.E+01	0.	2.E+01	0.	7.E+00	0.	1.E+01	0.	6.E+00	0.
K	5.E+02	0.	1.E+04	0.	8.E+03	0.	1.E+04	0.	4.E+03	0.	7.E+03	0.	3.E+03	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	6.E+01	0.	1.E+03	0.	9.E+02	0.	1.E+03	0.	4.E+02	0.	7.E+02	0.	4.E+02	0.
NO2	2.E+05	0.	4.E+06	0.	3.E+06	0.	4.E+06	0.	2.E+06	0.	2.E+06	0.	1.E+06	0.
NO3	8.E+07	0.	2.E+07	0.	1.E+07	0.	2.E+07	0.	6.E+06	0.	9.E+06	0.	3.E+07	0.
Na	9.E+07	0.	1.E+07	0.	1.E+07	0.	1.E+07	0.	4.E+06	0.	8.E+06	0.	3.E+07	0.
Ni	3.E+03	0.	2.E+05	0.	1.E+05	0.	6.E+04	0.	6.E+04	0.	6.E+04	0.	2.E+02	0.
OH	1.E+07	0.	5.E+05	0.	7.E+06	0.	4.E+06	0.	2.E+06	0.	4.E+05	0.	4.E+06	0.
PO4	1.E+06	0.	7.E+04	0.	1.E+05	0.	6.E+04	0.	3.E+04	0.	4.E+04	0.	2.E+04	0.
Pb	2.E+03	0.	7.E-03	0.	7.E-03	0.	7.E-03	0.	3.E-03	0.	5.E-03	0.	9.E-01	0.
SiO3	6.E+03	0.	1.E+05	0.	1.E+05	0.	1.E+05	0.	4.E+04	0.	6.E+04	0.	4.E+04	0.
SO4	8.E+04	0.	3.E+05	0.	2.E+05	0.	3.E+05	0.	1.E+05	0.	1.E+05	0.	9.E+04	0.
Sr	6.E+04	0.	9.E+01	0.	3.E+03	0.	3.E+04	0.	2.E+04	0.	1.E+03	0.	3.E+03	0.
ZrO	3.E+01	0.	2.E+04	0.	1.E+04	0.	2.E+01	0.	4.E+03	0.	4.E+02	0.	3.E+00	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK BY-110		TANK BY-111		TANK BY-112		TANK C-101		TANK C-102		TANK C-103		TANK C-104	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	2.E-15	3.E-08	3.E-15	3.E-08	2.E-15	3.E-08	2.E-14	2.E-07	4.E-16	6.E-09	2.E-14	2.E-07	9.E-16	1.E-08
Ac227	8.E-09	1.E-04	9.E-09	1.E-04	2.E-09	3.E-05	1.E-09	2.E-05	3.E-09	5.E-05	1.E-09	2.E-05	2.E-09	3.E-05
Am241	2.E-01	1.E+02	1.E-01	8.E+01	2.E-02	2.E+01	6.E-02	5.E+01	1.E+00	1.E+03	2.E-01	1.E+02	1.E+00	8.E+02
Am242	1.E-09	2.E-01	1.E-09	2.E-01	2.E-10	4.E-02	1.E-10	3.E-02	7.E-09	1.E+00	8.E-10	2.E-01	6.E-09	1.E+00
Am242m	8.E-05	2.E-01	8.E-05	2.E-01	1.E-05	4.E-02	1.E-05	3.E-02	6.E-04	1.E+00	6.E-05	2.E-01	5.E-04	1.E+00
Am243	3.E-03	1.E-01	2.E-03	1.E-01	4.E-04	2.E-02	2.E-04	1.E-02	1.E-02	7.E-01	1.E-03	7.E-02	1.E-02	7.E-01
At217	9.E-23	3.E-08	1.E-22	3.E-08	9.E-23	3.E-08	6.E-22	2.E-07	2.E-23	6.E-09	6.E-22	2.E-07	3.E-23	1.E-08
Ba137m	7.E-06	5.E+05	8.E-06	6.E+05	1.E-06	1.E+05	3.E-06	2.E+05	2.E-15	2.E-04	2.E-15	2.E-04	7.E-16	5.E-05
Bi210	6.E-18	2.E-10	2.E-18	5.E-11	3.E-19	9.E-12	1.E-18	4.E-11	3.E-18	9.E-11	2.E-18	4.E-11	7.E-18	2.E-10
Bi211	1.E-15	1.E-04	2.E-15	2.E-04	3.E-16	3.E-05	2.E-16	2.E-05	6.E-16	5.E-05	2.E-16	2.E-05	3.E-16	3.E-05
Bi213	8.E-18	3.E-08	8.E-18	3.E-08	8.E-18	3.E-08	5.E-17	2.E-07	1.E-18	6.E-09	5.E-17	2.E-07	3.E-18	1.E-08
Bi214	8.E-20	7.E-10	2.E-20	2.E-10	3.E-21	3.E-11	2.E-20	2.E-10	7.E-20	7.E-10	3.E-20	3.E-10	1.E-19	1.E-09
C14	2.E+00	1.E+02	3.E+00	2.E+02	5.E-01	3.E+01	3.E-01	2.E+01	2.E-05	1.E-03	8.E+00	5.E+02	5.E-07	3.E-05
Cm242	2.E-07	2.E-01	2.E-07	2.E-01	4.E-08	3.E-02	3.E-08	2.E-02	1.E-06	1.E+00	2.E-07	1.E-01	1.E-06	9.E-01
Cm244	1.E-04	2.E+00	1.E-04	2.E+00	2.E-05	4.E-01	1.E-06	2.E-02	9.E-14	2.E-09	6.E-15	1.E-10	1.E-15	2.E-11
Cm245	2.E-06	9.E-05	2.E-06	1.E-04	4.E-07	2.E-05	1.E-08	4.E-07	2.E-15	9.E-14	1.E-16	5.E-15	2.E-17	8.E-16
Cs135	1.E+01	2.E+00	1.E+01	2.E+00	2.E+00	4.E-01	4.E+00	7.E-01	2.E-09	4.E-10	2.E-09	3.E-10	1.E-09	2.E-10
Cs137	5.E+01	6.E+05	5.E+01	6.E+05	1.E+01	1.E+05	2.E+01	2.E+05	1.E-08	2.E-04	1.E-08	2.E-04	4.E-09	5.E-05
Fr221	8.E-19	3.E-08	9.E-19	3.E-08	8.E-19	3.E-08	5.E-18	2.E-07	1.E-19	6.E-09	5.E-18	2.E-07	3.E-19	1.E-08
Fr223	2.E-16	2.E-06	2.E-16	2.E-06	4.E-17	4.E-07	3.E-17	3.E-07	8.E-17	7.E-07	3.E-17	3.E-07	5.E-17	4.E-07
I129	3.E+01	6.E-01	3.E+01	7.E-01	5.E+00	1.E-01	3.E+00	7.E-02	2.E-09	5.E-11	2.E-09	4.E-11	6.E-10	1.E-11
Nb93m	6.E-04	2.E+01	3.E-04	8.E+00	5.E-05	1.E+00	2.E-04	5.E+00	1.E-03	4.E+01	2.E-04	6.E+00	4.E-04	9.E+00
Ni63	3.E-01	1.E+03	2.E-01	9.E+02	2.E-01	9.E+02	3.E-02	1.E+02	9.E-01	3.E+03	2.E+00	1.E+04	2.E-01	8.E+02
Np237	7.E+00	1.E+00	7.E+00	1.E+00	1.E+00	2.E-01	1.E+00	2.E-01	3.E-02	4.E-03	3.E-03	5.E-04	2.E-02	3.E-03
Np239	2.E-09	1.E-01	2.E-09	1.E-01	4.E-10	2.E-02	2.E-10	1.E-02	1.E-08	6.E-01	1.E-09	6.E-02	1.E-08	7.E-01
Pa231	2.E-05	3.E-04	3.E-05	3.E-04	5.E-06	6.E-05	5.E-06	5.E-05	2.E-05	2.E-04	9.E-06	1.E-04	1.E-05	1.E-04
Pa233	2.E-07	1.E+00	3.E-07	1.E+00	5.E-08	2.E-01	4.E-08	2.E-01	9.E-10	4.E-03	1.E-10	5.E-04	5.E-10	3.E-03
Pa234m	4.E-13	6.E-02	7.E-12	1.E+00	3.E-13	5.E-02	1.E-11	2.E+00	9.E-11	2.E+01	4.E-11	7.E+00	6.E-11	9.E+00
Pb209	3.E-17	3.E-08	4.E-17	3.E-08	3.E-17	3.E-08	2.E-16	2.E-07	6.E-18	6.E-09	2.E-16	2.E-07	1.E-17	1.E-08
Pb210	1.E-14	2.E-10	3.E-15	5.E-11	5.E-16	8.E-12	2.E-15	3.E-11	5.E-15	8.E-11	2.E-15	4.E-11	1.E-14	2.E-10
Pb211	2.E-14	1.E-04	3.E-14	1.E-04	5.E-15	3.E-05	4.E-15	2.E-05	1.E-14	5.E-05	4.E-15	2.E-05	5.E-15	3.E-05
Pb214	1.E-19	7.E-10	3.E-20	2.E-10	4.E-21	3.E-11	2.E-20	2.E-10	1.E-19	7.E-10	4.E-20	3.E-10	2.E-19	1.E-09
Pd107	2.E+01	1.E+00	2.E+01	1.E+00	4.E+00	2.E-01	2.E+00	1.E-01	2.E-09	1.E-10	9.E-10	5.E-11	6.E-10	3.E-11
Po210	2.E-16	2.E-10	5.E-17	5.E-11	9.E-18	8.E-12	3.E-17	3.E-11	8.E-17	8.E-11	4.E-17	4.E-11	2.E-16	2.E-10
Po213	1.E-26	3.E-08	1.E-26	3.E-08	1.E-26	3.E-08	8.E-26	2.E-07	2.E-27	6.E-09	8.E-26	2.E-07	4.E-27	1.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-110 MOLES	TANK BY-110 CURIES	TANK BY-111 MOLES	TANK BY-111 CURIES	TANK BY-112 MOLES	TANK BY-112 CURIES	TANK C-101 MOLES	TANK C-101 CURIES	TANK C-102 MOLES	TANK C-102 CURIES	TANK C-103 MOLES	TANK C-103 CURIES	TANK C-104 MOLES	TANK C-104 CURIES
Po214	1.E-26	9.E-10	3.E-27	2.E-10	5.E-28	4.E-11	3.E-27	2.E-10	1.E-26	8.E-10	5.E-27	3.E-10	2.E-26	1.E-09
Po215	2.E-20	1.E-04	2.E-20	2.E-04	4.E-21	3.E-05	3.E-21	2.E-05	8.E-21	5.E-05	3.E-21	2.E-05	4.E-21	3.E-05
Po218	1.E-20	7.E-10	3.E-21	2.E-10	5.E-22	3.E-11	3.E-21	2.E-10	1.E-20	7.E-10	4.E-21	3.E-10	2.E-20	1.E-09
Pu238	3.E-03	1.E+01	3.E-05	1.E-01	3.E-05	1.E-01	6.E-04	2.E+00	1.E-02	6.E+01	2.E-03	1.E+01	1.E-02	5.E+01
Pu239	3.E+00	5.E+01	2.E-02	2.E-01	1.E-05	1.E-04	8.E+00	1.E+02	1.E+02	2.E+03	2.E+01	3.E+02	5.E+01	7.E+02
Pu240	2.E-01	1.E+01	1.E-03	5.E-02	2.E-05	1.E-03	6.E-01	3.E+01	1.E+01	5.E+02	1.E+00	8.E+01	3.E+00	2.E+02
Pu241	3.E-03	9.E+01	2.E-05	4.E-01	5.E-08	1.E-03	2.E-02	4.E+02	4.E-01	1.E+04	6.E-02	1.E+03	2.E-01	5.E+03
Ra223	1.E-11	1.E-04	1.E-11	1.E-04	2.E-12	3.E-05	2.E-12	2.E-05	4.E-12	5.E-05	2.E-12	2.E-05	2.E-12	3.E-05
Ra225	3.E-15	3.E-08	4.E-15	3.E-08	3.E-15	3.E-08	2.E-14	2.E-07	7.E-16	6.E-09	2.E-14	2.E-07	1.E-15	1.E-08
Ra226	3.E-12	7.E-10	9.E-13	2.E-10	1.E-13	3.E-11	7.E-13	2.E-10	3.E-12	7.E-10	1.E-12	3.E-10	5.E-12	1.E-09
Ru106	3.E-07	1.E-01	3.E-07	1.E-01	5.E-08	2.E-02	2.E-06	9.E-01	1.E-03	5.E+02	2.E-04	5.E+01	2.E-03	8.E+02
Sb126	2.E-07	2.E+00	1.E-09	1.E-02	1.E-15	1.E-08	1.E-07	1.E+00	1.E-06	1.E+01	2.E-07	2.E+00	3.E-07	3.E+00
Sb126m	2.E-10	2.E+00	1.E-12	1.E-02	1.E-18	1.E-08	1.E-10	1.E+00	1.E-09	1.E+01	2.E-10	2.E+00	3.E-10	3.E+00
Se79	2.E+00	1.E+01	2.E+00	1.E+01	4.E-01	2.E+00	2.E-01	1.E+00	1.E-10	8.E-10	1.E-10	6.E-10	7.E-11	4.E-10
Sm151	8.E-01	3.E+03	4.E-03	2.E+01	3.E-07	1.E-03	5.E-01	2.E+03	3.E+00	1.E+04	5.E-01	2.E+03	1.E+00	4.E+03
Sn126	6.E-01	2.E+00	4.E-03	1.E-02	3.E-09	1.E-08	3.E-01	1.E+00	3.E+00	1.E+01	5.E-01	2.E+00	9.E-01	3.E+00
Sr90	3.E+01	4.E+05	3.E+01	4.E+05	7.E+00	9.E+04	7.E+00	8.E+04	1.E+02	1.E+06	4.E+01	5.E+05	4.E+01	4.E+05
Tc99	2.E+02	4.E+02	3.E+02	4.E+02	5.E+01	8.E+01	3.E+01	5.E+01	2.E-08	3.E-08	1.E-08	3.E-08	5.E-09	8.E-09
Th227	2.E-11	1.E-04	2.E-11	1.E-04	4.E-12	3.E-05	3.E-12	2.E-05	7.E-12	5.E-05	3.E-12	2.E-05	4.E-12	3.E-05
Th229	6.E-10	3.E-08	7.E-10	3.E-08	6.E-10	3.E-08	4.E-09	2.E-07	1.E-10	6.E-09	4.E-09	2.E-07	2.E-10	1.E-08
Th230	3.E-08	1.E-07	3.E-09	1.E-08	3.E-10	2.E-09	8.E-09	4.E-08	6.E-08	3.E-07	2.E-08	1.E-07	1.E-07	4.E-07
Th231	2.E-11	3.E-03	4.E-10	5.E-02	2.E-11	2.E-03	7.E-10	8.E-02	5.E-09	6.E-01	3.E-09	3.E-01	3.E-09	4.E-01
Th234	1.E-08	6.E-02	2.E-07	1.E+00	1.E-08	5.E-02	4.E-07	2.E+00	3.E-06	2.E+01	1.E-06	7.E+00	2.E-06	9.E+00
Tl207	3.E-15	1.E-04	4.E-15	2.E-04	7.E-16	3.E-05	5.E-16	2.E-05	1.E-15	5.E-05	5.E-16	2.E-05	7.E-16	3.E-05
U233	3.E-05	6.E-05	3.E-05	6.E-05	2.E-05	4.E-05	7.E-05	2.E-04	1.E-06	3.E-06	7.E-05	2.E-04	4.E-06	1.E-05
U234	7.E-04	1.E-03	7.E-05	1.E-04	1.E-05	2.E-05	2.E-04	3.E-04	3.E-03	4.E-03	8.E-04	1.E-03	3.E-03	5.E-03
U235	5.E+00	3.E-03	9.E+01	5.E-02	4.E+00	2.E-03	2.E+02	8.E-02	1.E+03	6.E-01	7.E+02	3.E-01	8.E+02	4.E-01
U238	8.E+02	6.E-02	1.E+04	1.E+00	7.E+02	5.E-02	2.E+04	2.E+00	2.E+05	2.E+01	9.E+04	7.E+00	1.E+05	9.E+00
Y90	8.E-03	4.E+05	8.E-03	4.E+05	2.E-03	9.E+04	2.E-03	9.E+04	3.E-02	1.E+06	1.E-02	5.E+05	1.E-02	5.E+05
Zr93	5.E+01	1.E+01	3.E-01	8.E-02	6.E-08	1.E-08	3.E+01	7.E+00	3.E+02	7.E+01	4.E+01	1.E+01	8.E+01	2.E+01
Ag	3.E-05	0.	3.E-05	0.	6.E-06	0.	5.E-06	0.	3.E-15	0.	2.E-15	0.	1.E-15	0.
Al	4.E+06	0.	5.E+06	0.	3.E+06	0.	1.E+06	0.	7.E+06	0.	5.E+06	0.	6.E+06	0.
Ba	2.E+01	0.	2.E+01	0.	1.E+01	0.	1.E+02	0.	3.E+00	0.	1.E+02	0.	8.E+00	0.
Bi	1.E+04	0.	3.E-12	0.	9.E-05	0.	3.E-12	0.	2.E-13	0.	3.E-12	0.	8.E-13	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-05	0.	5.E-06	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-110 MOLES	TANK BY-110 CURIES	TANK BY-111 MOLES	TANK BY-111 CURIES	TANK BY-112 MOLES	TANK BY-112 CURIES	TANK C-101 MOLES	TANK C-101 CURIES	TANK C-102 MOLES	TANK C-102 CURIES	TANK C-103 MOLES	TANK C-103 CURIES	TANK C-104 MOLES	TANK C-104 CURIES
C6H5O7	3.E+05	0.	4.E+05	0.	6.E+04	0.	0.	0.	0.	0.	1.E-06	0.	1.E-06	0.
CO3	1.E+06	0.	1.E+06	0.	2.E+05	0.	3.E+04	0.	4.E+03	0.	1.E+06	0.	1.E-01	0.
Ca	1.E+04	0.	4.E-03	0.	8.E-03	0.	0.	0.	5.E-22	0.	5.E-02	0.	1.E-01	0.
Ce	9.E+01	0.	1.E+02	0.	2.E+01	0.	6.E-03	0.	3.E-16	0.	7.E-09	0.	9.E-15	0.
Cl	2.E-04	0.	3.E-04	0.	5.E-05	0.	3.E-07	0.	3.E-22	0.	1.E-14	0.	6.E-19	0.
Cr	2.E+03	0.	1.E-12	0.	1.E-05	0.	1.E-16	0.	5.E-31	0.	3.E-08	0.	2.E+01	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-05	0.	5.E-06	0.
F	1.E+05	0.	1.E+05	0.	4.E+04	0.	5.E+00	0.	3.E+06	0.	1.E+07	0.	9.E-12	0.
Fe	8.E+04	0.	6.E+04	0.	1.E+04	0.	8.E-02	0.	5.E-02	0.	1.E+02	0.	2.E+01	0.
Fe(CN)6	5.E+04	0.	3.E+03	0.	2.E+03	0.	4.E+00	0.	1.E-16	0.	7.E-12	0.	9.E-12	0.
HEDTA	2.E+01	0.	2.E+01	0.	3.E+00	0.	0.	0.	0.	0.	3.E-05	0.	1.E-05	0.
K	1.E+04	0.	1.E+04	0.	2.E+03	0.	0.	0.	0.	0.	1.E-07	0.	8.E-08	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	1.E+03	0.	1.E+03	0.	2.E+02	0.	0.	0.	2.E+04	0.	3.E+03	0.	8.E+04	0.
NO2	4.E+06	0.	4.E+06	0.	8.E+05	0.	9.E+03	0.	1.E-03	0.	5.E-04	0.	1.E-05	0.
NO3	1.E+07	0.	2.E+07	0.	1.E+07	0.	4.E+06	0.	5.E-03	0.	6.E+07	0.	5.E+06	0.
Na	1.E+07	0.	1.E+07	0.	1.E+07	0.	5.E+06	0.	3.E+06	0.	8.E+07	0.	5.E+06	0.
Ni	9.E+04	0.	3.E+03	0.	4.E+03	0.	5.E-02	0.	4.E-04	0.	2.E+04	0.	3.E+00	0.
OH	3.E+05	0.	2.E+06	0.	8.E+06	0.	3.E+06	0.	3.E+07	0.	2.E+07	0.	2.E+07	0.
PO4	7.E+04	0.	6.E+04	0.	5.E+04	0.	2.E+02	0.	6.E-13	0.	9.E+04	0.	4.E-08	0.
Pb	6.E-03	0.	7.E-03	0.	1.E-03	0.	4.E-10	0.	6.E-10	0.	2.E+04	0.	5.E-06	0.
SiO3	1.E+05	0.	1.E+05	0.	2.E+04	0.	2.E+02	0.	1.E-05	0.	2.E-05	0.	2.E-07	0.
SO4	3.E+05	0.	3.E+05	0.	5.E+04	0.	1.E+04	0.	3.E+00	0.	1.E+06	0.	8.E+00	0.
Sr	3.E+04	0.	2.E+03	0.	6.E+03	0.	0.	0.	0.	0.	7.E-12	0.	1.E-07	0.
ZrO	4.E+03	0.	1.E+01	0.	4.E+00	0.	9.E+00	0.	3.E+06	0.	3.E+05	0.	5.E+01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK C-105 MOLES	TANK C-105 CURIES	TANK C-106 MOLES	TANK C-106 CURIES	TANK C-107 MOLES	TANK C-107 CURIES	TANK C-108 MOLES	TANK C-108 CURIES	TANK C-109 MOLES	TANK C-109 CURIES	TANK C-110 MOLES	TANK C-110 CURIES	TANK C-111 MOLES	TANK C-111 CURIES
Ac225	2.E-14	2.E-07	2.E-14	2.E-07	6.E-16	8.E-09	3.E-16	4.E-09	7.E-16	9.E-09	3.E-17	4.E-10	5.E-16	7.E-09
Ac227	3.E-08	5.E-04	9.E-10	2.E-05	1.E-09	2.E-05	5.E-10	8.E-06	2.E-10	3.E-06	8.E-11	1.E-06	5.E-10	8.E-06
Am241	1.E+01	1.E+04	5.E-01	4.E+02	1.E-01	1.E+02	4.E-02	3.E+01	2.E-04	1.E-01	2.E-02	2.E+01	2.E-02	2.E+01
Am242	8.E-08	2.E+01	2.E-09	4.E-01	4.E-10	8.E-02	1.E-10	3.E-02	1.E-14	3.E-06	2.E-12	4.E-04	5.E-11	9.E-03
Am242m	7.E-03	2.E+01	2.E-04	4.E-01	3.E-05	8.E-02	1.E-05	3.E-02	1.E-09	3.E-06	2.E-07	4.E-04	4.E-06	9.E-03
Am243	2.E-01	1.E+01	2.E-03	1.E-01	6.E-04	3.E-02	2.E-04	8.E-03	1.E-07	6.E-06	4.E-06	2.E-04	8.E-05	4.E-03
At217	7.E-22	2.E-07	6.E-22	2.E-07	2.E-23	8.E-09	1.E-23	4.E-09	3.E-23	9.E-09	1.E-24	4.E-10	2.E-23	7.E-09
Ba137m	4.E-06	3.E+05	0.	0.	1.E-07	9.E+03	7.E-11	5.E+00	8.E-08	6.E+03	2.E-17	1.E-06	6.E-08	5.E+03
Bi210	3.E-17	7.E-10	3.E-18	8.E-11	1.E-18	3.E-11	1.E-18	3.E-11	2.E-19	6.E-12	2.E-18	5.E-11	1.E-18	4.E-11
Bi211	6.E-15	5.E-04	2.E-16	2.E-05	2.E-16	2.E-05	1.E-16	9.E-06	3.E-17	3.E-06	1.E-17	1.E-06	9.E-17	8.E-06
Bi213	6.E-17	2.E-07	5.E-17	2.E-07	2.E-18	8.E-09	1.E-18	4.E-09	2.E-18	1.E-08	1.E-19	4.E-10	2.E-18	7.E-09
Bi214	6.E-19	6.E-09	4.E-20	4.E-10	2.E-20	2.E-10	1.E-20	1.E-10	3.E-21	3.E-11	3.E-20	3.E-10	2.E-20	2.E-10
C14	8.E+00	5.E+02	1.E-02	8.E-01	6.E-02	3.E+00	5.E-03	3.E-01	3.E-02	2.E+00	1.E-12	8.E-11	1.E-02	7.E-01
Cm242	2.E-05	1.E+01	4.E-07	3.E-01	8.E-08	6.E-02	3.E-08	2.E-02	3.E-12	2.E-06	4.E-10	3.E-04	9.E-09	8.E-03
Cm244	5.E-03	9.E+01	0.	0.	5.E-07	9.E-03	1.E-11	2.E-07	5.E-08	9.E-04	5.E-17	1.E-12	4.E-08	7.E-04
Cm245	1.E-04	4.E-03	0.	0.	1.E-08	4.E-07	1.E-13	4.E-12	5.E-10	2.E-08	6.E-19	3.E-17	3.E-10	1.E-08
Cs135	6.E+00	9.E-01	0.	0.	2.E-01	3.E-02	4.E-04	6.E-05	2.E-01	3.E-02	4.E-11	6.E-12	1.E-01	2.E-02
Cs137	3.E+01	3.E+05	0.	0.	8.E-01	1.E+04	5.E-04	5.E+00	5.E-01	6.E+03	1.E-10	2.E-06	4.E-01	5.E+03
Fr221	6.E-18	2.E-07	5.E-18	2.E-07	2.E-19	8.E-09	1.E-19	4.E-09	2.E-19	9.E-09	1.E-20	4.E-10	2.E-19	7.E-09
Fr223	8.E-16	7.E-06	3.E-17	2.E-07	3.E-17	3.E-07	1.E-17	1.E-07	4.E-18	4.E-08	2.E-18	2.E-08	1.E-17	1.E-07
I129	8.E+01	2.E+00	0.	0.	1.E-01	3.E-03	1.E-04	2.E-06	1.E-01	2.E-03	2.E-11	5.E-13	8.E-02	2.E-03
Nb93m	7.E-03	2.E+02	9.E-04	2.E+01	3.E-04	7.E+00	1.E-04	4.E+00	7.E-06	2.E-01	2.E-05	7.E-01	1.E-04	3.E+00
Ni63	1.E+01	4.E+04	2.E-01	8.E+02	3.E-03	1.E+01	1.E-01	5.E+02	2.E-01	7.E+02	1.E-13	6.E-10	1.E-01	5.E+02
Np237	3.E-01	4.E-02	6.E-03	1.E-03	5.E-02	8.E-03	1.E-03	2.E-04	4.E-02	6.E-03	5.E-04	8.E-05	3.E-02	5.E-03
Np239	2.E-07	1.E+01	2.E-09	1.E-01	5.E-10	3.E-02	1.E-10	7.E-03	1.E-13	6.E-06	3.E-12	2.E-04	7.E-11	4.E-03
Pa231	2.E-04	2.E-03	5.E-06	5.E-05	6.E-06	6.E-05	3.E-06	3.E-05	6.E-07	7.E-06	3.E-07	4.E-06	2.E-06	2.E-05
Pa233	9.E-09	4.E-02	2.E-10	1.E-03	2.E-09	8.E-03	4.E-11	2.E-04	1.E-09	6.E-03	2.E-11	8.E-05	1.E-09	5.E-03
Pa234m	9.E-11	1.E+01	2.E-11	3.E+00	2.E-11	4.E+00	9.E-12	1.E+00	1.E-12	2.E-01	8.E-13	1.E-01	6.E-12	1.E+00
Pb209	2.E-16	2.E-07	2.E-16	2.E-07	8.E-18	8.E-09	4.E-18	4.E-09	1.E-17	9.E-09	5.E-19	4.E-10	7.E-18	7.E-09
Pb210	4.E-14	6.E-10	5.E-15	8.E-11	2.E-15	2.E-11	2.E-15	3.E-11	4.E-16	6.E-12	3.E-15	4.E-11	2.E-15	4.E-11
Pb211	9.E-14	5.E-04	3.E-15	2.E-05	3.E-15	2.E-05	2.E-15	8.E-06	5.E-16	3.E-06	3.E-16	1.E-06	2.E-15	8.E-06
Pb214	8.E-19	6.E-09	5.E-20	4.E-10	2.E-20	2.E-10	2.E-20	1.E-10	4.E-21	3.E-11	4.E-20	3.E-10	3.E-20	2.E-10
Pd107	6.E+01	4.E+00	0.	0.	1.E-01	6.E-03	5.E-05	3.E-06	7.E-02	4.E-03	1.E-11	6.E-13	6.E-02	3.E-03
Po210	6.E-16	6.E-10	8.E-17	7.E-11	2.E-17	2.E-11	3.E-17	3.E-11	6.E-18	6.E-12	4.E-17	4.E-11	4.E-17	4.E-11
Po213	8.E-26	2.E-07	7.E-26	2.E-07	3.E-27	7.E-09	2.E-27	4.E-09	3.E-27	9.E-09	2.E-28	4.E-10	3.E-27	7.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-105 MOLES	TANK C-105 CURIES	TANK C-106 MOLES	TANK C-106 CURIES	TANK C-107 MOLES	TANK C-107 CURIES	TANK C-108 MOLES	TANK C-108 CURIES	TANK C-109 MOLES	TANK C-109 CURIES	TANK C-110 MOLES	TANK C-110 CURIES	TANK C-111 MOLES	TANK C-111 CURIES
Po214	1.E-25	7.E-09	7.E-27	5.E-10	3.E-27	2.E-10	2.E-27	2.E-10	5.E-28	3.E-11	5.E-27	3.E-10	3.E-27	2.E-10
Po215	8.E-20	5.E-04	2.E-21	2.E-05	3.E-21	2.E-05	1.E-21	9.E-06	4.E-22	3.E-06	2.E-22	1.E-06	1.E-21	8.E-06
Po218	9.E-20	6.E-09	6.E-21	4.E-10	3.E-21	2.E-10	2.E-21	1.E-10	5.E-22	3.E-11	4.E-21	3.E-10	3.E-21	2.E-10
Pu238	1.E-02	6.E+01	2.E-03	8.E+00	1.E-03	5.E+00	5.E-04	2.E+00	4.E-05	2.E-01	3.E-03	1.E+01	8.E-04	3.E+00
Pu239	1.E+02	2.E+03	2.E+01	3.E+02	2.E+01	3.E+02	6.E+00	9.E+01	7.E-02	1.E+00	8.E+00	1.E+02	4.E+00	7.E+01
Pu240	7.E+00	4.E+02	1.E+00	7.E+01	1.E+00	6.E+01	4.E-01	2.E+01	1.E-03	8.E-02	5.E-01	3.E+01	3.E-01	1.E+01
Pu241	2.E-01	5.E+03	4.E-02	1.E+03	4.E-02	9.E+02	1.E-02	3.E+02	7.E-06	2.E-01	1.E-02	3.E+02	7.E-03	2.E+02
Ra223	4.E-11	5.E-04	1.E-12	2.E-05	2.E-12	2.E-05	7.E-13	8.E-06	2.E-13	3.E-06	1.E-13	1.E-06	7.E-13	8.E-06
Ra225	3.E-14	2.E-07	2.E-14	2.E-07	9.E-16	8.E-09	5.E-16	4.E-09	1.E-15	9.E-09	5.E-17	4.E-10	8.E-16	7.E-09
Ra226	3.E-11	6.E-09	2.E-12	4.E-10	7.E-13	2.E-10	6.E-13	1.E-10	1.E-13	3.E-11	1.E-12	3.E-10	8.E-13	2.E-10
Ru106	4.E-03	2.E+03	5.E-05	2.E+01	6.E-06	2.E+00	1.E-06	5.E-01	6.E-11	2.E-05	6.E-12	2.E-06	5.E-08	2.E-02
Sb126	6.E-06	6.E+01	1.E-06	1.E+01	2.E-07	2.E+00	9.E-08	9.E-01	3.E-09	4.E-02	1.E-08	1.E-01	6.E-08	6.E-01
Sb126m	7.E-09	6.E+01	1.E-09	1.E+01	2.E-10	2.E+00	9.E-11	9.E-01	4.E-12	4.E-02	1.E-11	1.E-01	6.E-11	6.E-01
Se79	6.E+00	3.E+01	0.	0.	1.E-02	6.E-02	7.E-06	4.E-05	7.E-03	4.E-02	3.E-12	1.E-11	6.E-03	3.E-02
Sm151	2.E+01	7.E+04	3.E+00	1.E+04	7.E-01	3.E+03	4.E-01	2.E+03	3.E-02	1.E+02	9.E-02	3.E+02	3.E-01	1.E+03
Sn126	2.E+01	6.E+01	3.E+00	1.E+01	7.E-01	2.E+00	3.E-01	9.E-01	1.E-02	4.E-02	3.E-02	1.E-01	2.E-01	6.E-01
Sr90	3.E+02	3.E+06	5.E+01	7.E+05	8.E+00	1.E+05	2.E+00	3.E+04	7.E-03	8.E+01	1.E+00	1.E+04	9.E+00	1.E+05
Tc99	6.E+02	1.E+03	0.	0.	1.E+00	2.E+00	9.E-04	1.E-03	9.E-01	1.E+00	2.E-10	3.E-10	7.E-01	1.E+00
Th227	7.E-11	5.E-04	2.E-12	1.E-05	2.E-12	2.E-05	1.E-12	8.E-06	4.E-13	3.E-06	2.E-13	1.E-06	1.E-12	8.E-06
Th229	5.E-09	2.E-07	4.E-09	2.E-07	2.E-10	8.E-09	9.E-11	4.E-09	2.E-10	9.E-09	9.E-12	4.E-10	1.E-10	7.E-09
Th230	1.E-07	5.E-07	2.E-08	8.E-08	1.E-08	5.E-08	6.E-09	3.E-08	1.E-09	6.E-09	2.E-08	7.E-08	9.E-09	4.E-08
Th231	5.E-09	6.E-01	9.E-10	1.E-01	1.E-09	1.E-01	5.E-10	6.E-02	8.E-11	1.E-02	5.E-11	6.E-03	4.E-10	4.E-02
Th234	3.E-06	1.E+01	5.E-07	3.E+00	7.E-07	4.E+00	3.E-07	1.E+00	4.E-08	2.E-01	2.E-08	1.E-01	2.E-07	1.E+00
Tl207	1.E-14	5.E-04	4.E-16	2.E-05	4.E-16	2.E-05	2.E-16	8.E-06	7.E-17	3.E-06	3.E-17	1.E-06	2.E-16	8.E-06
U233	7.E-05	2.E-04	5.E-05	1.E-04	2.E-06	4.E-06	9.E-07	2.E-06	3.E-06	6.E-06	8.E-09	2.E-08	2.E-06	4.E-06
U234	4.E-03	5.E-03	4.E-04	5.E-04	3.E-04	5.E-04	2.E-04	2.E-04	3.E-05	4.E-05	4.E-04	5.E-04	2.E-04	3.E-04
U235	1.E+03	6.E-01	2.E+02	1.E-01	3.E+02	1.E-01	1.E+02	6.E-02	2.E+01	1.E-02	1.E+01	6.E-03	9.E+01	4.E-02
U238	2.E+05	1.E+01	3.E+04	3.E+00	4.E+04	4.E+00	2.E+04	1.E+00	3.E+03	2.E-01	2.E+03	1.E-01	1.E+04	1.E+00
Y90	7.E-02	4.E+06	1.E-02	7.E+05	2.E-03	1.E+05	6.E-04	3.E+04	2.E-06	9.E+01	3.E-04	2.E+04	2.E-03	1.E+05
Zr93	2.E+03	4.E+02	3.E+02	6.E+01	4.E+01	1.E+01	2.E+01	6.E+00	1.E+00	3.E-01	3.E+00	8.E-01	2.E+01	4.E+00
Ag	8.E-05	0.	0.	0.	2.E-07	0.	2.E-10	0.	2.E-07	0.	3.E-17	0.	1.E-07	0.
Al	1.E+07	0.	7.E+05	0.	2.E+06	0.	5.E+05	0.	5.E+04	0.	8.E+02	0.	5.E+05	0.
Ba	3.E+02	0.	1.E+02	0.	2.E+00	0.	3.E+00	0.	4.E+00	0.	6.E-01	0.	4.E+00	0.
Bi	5.E-12	0.	3.E-12	0.	7.E+04	0.	1.E+04	0.	1.E+03	0.	7.E+04	0.	7.E+03	0.
C2H3O3	6.E+02	0.	0.	0.	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-105 MOLES	TANK C-105 CURIES	TANK C-106 MOLES	TANK C-106 CURIES	TANK C-107 MOLES	TANK C-107 CURIES	TANK C-108 MOLES	TANK C-108 CURIES	TANK C-109 MOLES	TANK C-109 CURIES	TANK C-110 MOLES	TANK C-110 CURIES	TANK C-111 MOLES	TANK C-111 CURIES
C6H5O7	6.E+05	0.	0.	0.	1.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	7.E+04	0.	4.E+04	0.	5.E+04	0.	4.E+04	0.	1.E+05	0.	4.E-05	0.	4.E+04	0.
Ca	1.E+03	0.	0.	0.	3.E-05	0.	3.E+04	0.	1.E+05	0.	4.E-14	0.	3.E+04	0.
Ce	3.E-04	0.	6.E-39	0.	6.E-01	0.	1.E-02	0.	2.E+00	0.	1.E-08	0.	1.E+00	0.
Cl	3.E-09	0.	0.	0.	2.E-06	0.	4.E-08	0.	6.E-06	0.	1.E-14	0.	3.E-06	0.
Cr	6.E+03	0.	0.	0.	9.E+03	0.	1.E+03	0.	2.E+02	0.	1.E+04	0.	1.E+03	0.
EDTA/	9.E+02	0.	0.	0.	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	3.E+01	0.	0.	0.	6.E+02	0.	1.E+01	0.	3.E+03	0.	4.E-05	0.	9.E+02	0.
Fe	8.E+05	0.	1.E+05	0.	1.E+05	0.	2.E+04	0.	3.E+03	0.	2.E+05	0.	2.E+04	0.
Fe(CN)6	7.E+01	0.	0.	0.	5.E-04	0.	9.E+03	0.	3.E+04	0.	1.E-08	0.	1.E+04	0.
HEDTA/	2.E+03	0.	0.	0.	3.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	5.E+03	0.	1.E-39	0.	1.E+01	0.	1.E-36	0.	3.E+00	0.	2.E-08	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	7.E+03	0.	9.E+03	0.	3.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	2.E+03	0.	5.E-38	0.	4.E+04	0.	2.E+01	0.	7.E+04	0.	1.E-05	0.	5.E+04	0.
NO3	2.E+07	0.	3.E+06	0.	5.E+05	0.	4.E+06	0.	4.E+05	0.	2.E-04	0.	3.E+05	0.
Na	2.E+07	0.	3.E+06	0.	5.E+05	0.	4.E+06	0.	4.E+05	0.	8.E+01	0.	3.E+05	0.
Ni	3.E+04	0.	1.E-20	0.	4.E-07	0.	2.E+04	0.	6.E+04	0.	2.E-11	0.	3.E+04	0.
OH	3.E+07	0.	3.E+06	0.	8.E+06	0.	2.E+06	0.	1.E+04	0.	6.E+05	0.	1.E+06	0.
PO4	4.E+03	0.	0.	0.	7.E+04	0.	1.E+04	0.	4.E+03	0.	7.E+04	0.	9.E+03	0.
Pb	1.E+02	0.	3.E-10	0.	1.E-08	0.	2.E-10	0.	7.E-11	0.	3.E-11	0.	2.E-10	0.
SiO3	4.E+01	0.	1.E-39	0.	1.E+03	0.	2.E+00	0.	2.E+03	0.	1.E-06	0.	1.E+03	0.
SO4	3.E+03	0.	1.E+02	0.	8.E+03	0.	3.E+01	0.	5.E+03	0.	6.E-01	0.	2.E+03	0.
Sr	2.E+00	0.	7.E-09	0.	4.E-04	0.	0.	0.	1.E+01	0.	8.E-08	0.	0.	0.
ZrO	3.E+02	0.	7.E+01	0.	2.E+04	0.	3.E+03	0.	4.E+02	0.	2.E+04	0.	2.E+03	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK C-112 MOLES	TANK C-112 CURIES	TANK C-201 MOLES	TANK C-201 CURIES	TANK C-202 MOLES	TANK C-202 CURIES	TANK C-203 MOLES	TANK C-203 CURIES	TANK C-204 MOLES	TANK C-204 CURIES	TANK S-101 MOLES	TANK S-101 CURIES	TANK S-102 MOLES	TANK S-102 CURIES
Ac225	5.E-16	6.E-09	1.E-18	1.E-11	2.E-17	2.E-10	2.E-17	2.E-10	3.E-21	4.E-14	4.E-15	5.E-08	3.E-15	4.E-08
Ac227	5.E-10	8.E-06	1.E-12	2.E-08	2.E-10	3.E-06	2.E-11	3.E-07	5.E-14	8.E-10	4.E-09	7.E-05	1.E-10	2.E-06
Am241	3.E-02	2.E+01	1.E-05	1.E-02	4.E-05	3.E-02	4.E-06	3.E-03	1.E-08	9.E-06	5.E-01	4.E+02	1.E-02	1.E+01
Am242	1.E-10	2.E-02	9.E-16	2.E-07	2.E-15	5.E-07	2.E-16	5.E-08	7.E-19	1.E-10	3.E-09	6.E-01	5.E-11	9.E-03
Am242m	9.E-06	2.E-02	7.E-11	2.E-07	2.E-10	5.E-07	2.E-11	5.E-08	6.E-14	1.E-10	3.E-04	6.E-01	4.E-06	9.E-03
Am243	9.E-05	4.E-03	8.E-09	4.E-07	2.E-08	1.E-06	2.E-09	1.E-07	6.E-12	3.E-10	5.E-03	3.E-01	5.E-05	2.E-03
At217	2.E-23	6.E-09	4.E-26	1.E-11	6.E-25	2.E-10	7.E-25	2.E-10	1.E-28	4.E-14	1.E-22	5.E-08	1.E-22	4.E-08
Ba137m	5.E-08	4.E+03	3.E-11	2.E+00	7.E-24	5.E-13	9.E-17	6.E-06	1.E-12	9.E-02	1.E-06	1.E+05	6.E-15	4.E-04
Bi210	2.E-18	4.E-11	1.E-20	4.E-13	1.E-19	3.E-12	1.E-20	3.E-13	4.E-23	1.E-15	5.E-18	1.E-10	6.E-19	1.E-11
Bi211	9.E-17	8.E-06	2.E-19	2.E-08	3.E-17	3.E-06	3.E-18	3.E-07	1.E-20	9.E-10	8.E-16	7.E-05	2.E-17	2.E-06
Bi213	2.E-18	6.E-09	3.E-21	1.E-11	5.E-20	2.E-10	6.E-20	2.E-10	9.E-24	4.E-14	1.E-17	5.E-08	1.E-17	5.E-08
Bi214	2.E-20	2.E-10	3.E-22	2.E-12	2.E-21	1.E-11	2.E-22	1.E-12	5.E-25	5.E-15	7.E-20	7.E-10	8.E-21	7.E-11
C14	3.E-02	2.E+00	8.E-07	5.E-05	4.E-05	3.E-03	4.E-06	3.E-04	4.E-08	2.E-06	7.E-01	5.E+01	1.E-09	8.E-08
Cm242	2.E-08	2.E-02	2.E-13	1.E-07	5.E-13	4.E-07	5.E-14	4.E-08	1.E-16	1.E-10	6.E-07	5.E-01	1.E-08	8.E-03
Cm244	4.E-08	9.E-04	3.E-14	6.E-10	9.E-27	2.E-22	9.E-20	2.E-15	1.E-15	3.E-11	8.E-05	2.E+00	7.E-14	1.E-09
Cm245	6.E-10	3.E-08	1.E-16	5.E-15	3.E-29	1.E-27	2.E-22	1.E-20	5.E-18	2.E-16	2.E-06	7.E-05	2.E-15	1.E-13
Cs135	9.E-02	1.E-02	2.E-04	3.E-05	6.E-17	9.E-18	5.E-10	8.E-11	9.E-06	1.E-06	3.E+00	4.E-01	2.E-08	3.E-09
Cs137	4.E-01	4.E+03	2.E-04	2.E+00	4.E-17	5.E-13	6.E-10	7.E-06	8.E-06	9.E-02	9.E+00	1.E+05	4.E-08	5.E-04
Fr221	2.E-19	6.E-09	3.E-22	1.E-11	5.E-21	2.E-10	6.E-21	2.E-10	9.E-25	4.E-14	1.E-18	5.E-08	1.E-18	4.E-08
Fr223	1.E-17	1.E-07	3.E-20	3.E-10	5.E-18	4.E-08	5.E-19	4.E-09	1.E-21	1.E-11	1.E-16	1.E-06	3.E-18	3.E-08
I129	6.E-02	1.E-03	4.E-05	9.E-07	1.E-17	3.E-19	1.E-10	3.E-12	2.E-06	4.E-08	1.E+01	3.E-01	2.E-08	5.E-10
Nb93m	8.E-05	2.E+00	3.E-07	9.E-03	2.E-06	5.E-02	2.E-07	5.E-03	6.E-10	2.E-05	1.E-03	3.E+01	8.E-05	2.E+00
Ni63	5.E-01	2.E+03	2.E-07	7.E-04	2.E-20	1.E-16	4.E-13	2.E-09	8.E-09	3.E-05	6.E-02	2.E+02	7.E-01	3.E+03
Np237	2.E-02	4.E-03	1.E-05	2.E-06	2.E-06	3.E-07	2.E-07	3.E-08	6.E-07	9.E-08	8.E-01	1.E-01	5.E-04	9.E-05
Np239	8.E-11	4.E-03	7.E-15	4.E-07	2.E-14	1.E-06	2.E-15	1.E-07	5.E-18	3.E-10	5.E-09	3.E-01	4.E-11	2.E-03
Pa231	2.E-06	3.E-05	5.E-09	6.E-08	7.E-07	7.E-06	7.E-08	7.E-07	2.E-10	2.E-09	2.E-05	2.E-04	6.E-07	6.E-06
Pa233	9.E-10	4.E-03	5.E-13	2.E-06	7.E-14	3.E-07	7.E-15	3.E-08	2.E-14	1.E-07	3.E-08	1.E-01	2.E-11	9.E-05
Pa234m	1.E-11	2.E+00	1.E-14	2.E-03	1.E-12	2.E-01	1.E-13	2.E-02	5.E-16	9.E-05	1.E-11	2.E+00	2.E-12	3.E-01
Pb209	7.E-18	6.E-09	1.E-20	1.E-11	2.E-19	2.E-10	3.E-19	2.E-10	4.E-23	4.E-14	5.E-17	5.E-08	5.E-17	4.E-08
Pb210	3.E-15	4.E-11	2.E-17	4.E-13	2.E-16	3.E-12	2.E-17	3.E-13	6.E-20	1.E-15	7.E-15	1.E-10	9.E-16	1.E-11
Pb211	1.E-15	8.E-06	4.E-18	2.E-08	5.E-16	3.E-06	5.E-17	3.E-07	2.E-19	9.E-10	1.E-14	7.E-05	4.E-16	2.E-06
Pb214	3.E-20	2.E-10	3.E-22	2.E-12	2.E-21	1.E-11	2.E-22	1.E-12	7.E-25	5.E-15	1.E-19	7.E-10	1.E-20	7.E-11
Pd107	4.E-02	2.E-03	2.E-05	9.E-07	3.E-18	2.E-19	3.E-11	2.E-12	7.E-07	4.E-08	1.E+01	5.E-01	2.E-08	1.E-09
Po210	4.E-17	4.E-11	4.E-19	3.E-13	3.E-18	3.E-12	3.E-19	3.E-13	1.E-21	9.E-16	1.E-16	1.E-10	1.E-17	1.E-11
Po213	2.E-27	6.E-09	5.E-30	1.E-11	8.E-29	2.E-10	9.E-29	2.E-10	1.E-32	4.E-14	2.E-26	5.E-08	2.E-26	4.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-112 MOLES	TANK C-112 CURIES	TANK C-201 MOLES	TANK C-201 CURIES	TANK C-202 MOLES	TANK C-202 CURIES	TANK C-203 MOLES	TANK C-203 CURIES	TANK C-204 MOLES	TANK C-204 CURIES	TANK S-101 MOLES	TANK S-101 CURIES	TANK S-102 MOLES	TANK S-102 CURIES
Po214	4.E-27	2.E-10	4.E-29	3.E-12	3.E-28	2.E-11	3.E-29	2.E-12	9.E-32	6.E-15	1.E-26	9.E-10	1.E-27	9.E-11
Po215	1.E-21	8.E-06	3.E-24	2.E-08	4.E-22	3.E-06	4.E-23	3.E-07	1.E-25	9.E-10	1.E-20	7.E-05	3.E-22	2.E-06
Po218	3.E-21	2.E-10	4.E-23	2.E-12	2.E-22	1.E-11	2.E-23	1.E-12	8.E-26	5.E-15	1.E-20	7.E-10	1.E-21	7.E-11
Pu238	3.E-04	1.E+00	9.E-09	4.E-05	3.E-08	1.E-04	4.E-09	2.E-05	9.E-12	4.E-08	4.E-03	2.E+01	4.E-04	2.E+00
Pu239	4.E+00	6.E+01	1.E-03	2.E-02	4.E-03	6.E-02	4.E-04	6.E-03	1.E-06	2.E-05	1.E+01	2.E+02	1.E+00	2.E+01
Pu240	3.E-01	1.E+01	3.E-05	2.E-03	8.E-05	5.E-03	8.E-06	5.E-04	3.E-08	2.E-06	7.E-01	4.E+01	7.E-02	4.E+00
Pu241	8.E-03	2.E+02	2.E-07	4.E-03	4.E-07	1.E-02	4.E-08	1.E-03	2.E-10	4.E-06	2.E-02	4.E+02	2.E-03	4.E+01
Ra223	7.E-13	8.E-06	2.E-15	2.E-08	2.E-13	3.E-06	2.E-14	3.E-07	7.E-17	8.E-10	6.E-12	7.E-05	2.E-13	2.E-06
Ra225	7.E-16	6.E-09	1.E-18	1.E-11	2.E-17	2.E-10	3.E-17	2.E-10	4.E-21	4.E-14	6.E-15	5.E-08	5.E-15	4.E-08
Ra226	9.E-13	2.E-10	1.E-14	2.E-12	7.E-14	1.E-11	7.E-15	1.E-12	2.E-17	5.E-15	3.E-12	7.E-10	3.E-13	7.E-11
Ru106	7.E-07	2.E-01	8.E-15	3.E-09	1.E-12	4.E-07	1.E-13	4.E-08	3.E-16	1.E-10	2.E-07	6.E-02	7.E-07	2.E-01
Sb126	6.E-08	6.E-01	3.E-10	3.E-03	8.E-10	8.E-03	8.E-11	8.E-04	3.E-13	3.E-06	5.E-07	5.E+00	4.E-08	5.E-01
Sb126m	7.E-11	6.E-01	3.E-13	3.E-03	8.E-13	8.E-03	8.E-14	8.E-04	3.E-16	3.E-06	5.E-10	5.E+00	5.E-11	5.E-01
Se79	5.E-03	3.E-02	3.E-06	2.E-05	9.E-19	5.E-18	9.E-12	5.E-11	1.E-07	8.E-07	1.E+00	6.E+00	1.E-09	7.E-09
Sm151	2.E-01	1.E+03	2.E-03	9.E+00	6.E-03	2.E+01	6.E-04	2.E+00	2.E-06	9.E-03	2.E+00	6.E+03	1.E-01	6.E+02
Sn126	2.E-01	6.E-01	8.E-04	3.E-03	2.E-03	8.E-03	2.E-04	8.E-04	8.E-07	3.E-06	1.E+00	5.E+00	1.E-01	5.E-01
Sr90	4.E+00	5.E+04	6.E-04	7.E+00	5.E-18	6.E-14	6.E-02	8.E+02	3.E-05	3.E-01	6.E+01	7.E+05	5.E+00	6.E+04
Tc99	5.E-01	9.E-01	4.E-04	6.E-04	1.E-16	2.E-16	1.E-09	2.E-09	2.E-05	3.E-05	1.E+02	2.E+02	2.E-07	3.E-07
Th227	1.E-12	7.E-06	3.E-15	2.E-08	4.E-13	3.E-06	4.E-14	3.E-07	1.E-16	8.E-10	9.E-12	7.E-05	3.E-13	2.E-06
Th229	1.E-10	6.E-09	3.E-13	1.E-11	4.E-12	2.E-10	5.E-12	2.E-10	8.E-16	4.E-14	1.E-09	5.E-08	9.E-10	4.E-08
Th230	9.E-09	4.E-08	1.E-10	5.E-10	7.E-10	3.E-09	7.E-11	3.E-10	3.E-13	1.E-12	4.E-08	2.E-07	5.E-09	2.E-08
Th231	5.E-10	6.E-02	8.E-13	1.E-04	8.E-11	1.E-02	8.E-12	1.E-03	3.E-14	4.E-06	8.E-10	1.E-01	1.E-10	1.E-02
Th234	3.E-07	2.E+00	4.E-10	2.E-03	4.E-08	2.E-01	4.E-09	2.E-02	2.E-11	9.E-05	4.E-07	2.E+00	6.E-08	3.E-01
Tl207	2.E-16	8.E-06	5.E-19	2.E-08	7.E-17	3.E-06	7.E-18	3.E-07	2.E-20	9.E-10	2.E-15	7.E-05	5.E-17	2.E-06
U233	2.E-06	4.E-06	2.E-10	4.E-10	3.E-08	7.E-08	4.E-08	9.E-08	9.E-12	2.E-11	1.E-05	3.E-05	2.E-05	3.E-05
U234	2.E-04	2.E-04	2.E-07	2.E-07	1.E-05	2.E-05	1.E-06	2.E-06	6.E-09	8.E-09	1.E-03	1.E-03	1.E-04	2.E-04
U235	1.E+02	6.E-02	2.E-01	1.E-04	2.E+01	1.E-02	2.E+00	1.E-03	7.E-03	4.E-06	2.E+02	1.E-01	3.E+01	1.E-02
U238	2.E+04	2.E+00	3.E+01	2.E-03	3.E+03	2.E-01	3.E+02	2.E-02	1.E+00	9.E-05	3.E+04	2.E+00	4.E+03	3.E-01
Y90	1.E-03	5.E+04	2.E-07	8.E+00	1.E-21	7.E-14	2.E-05	8.E+02	7.E-09	3.E-01	2.E-02	7.E+05	1.E-03	7.E+04
Zr93	2.E+01	4.E+00	8.E-02	2.E-02	2.E-01	5.E-02	2.E-02	5.E-03	9.E-05	2.E-05	1.E+02	3.E+01	1.E+01	3.E+00
Ag	9.E-08	0.	5.E-11	0.	1.E-23	0.	1.E-16	0.	2.E-12	0.	9.E-06	0.	2.E-14	0.
Al	5.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E+06	0.	2.E+06	0.
Ba	2.E+00	0.	6.E-03	0.	8.E-02	0.	8.E-02	0.	1.E-05	0.	2.E+01	0.	2.E+01	0.
Bi	8.E+02	0.	3.E-16	0.	6.E-15	0.	7.E-15	0.	8.E-19	0.	7.E-13	0.	9.E-13	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+02	0.	6.E-07	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-112 MOLES	TANK C-112 CURIES	TANK C-201 MOLES	TANK C-201 CURIES	TANK C-202 MOLES	TANK C-202 CURIES	TANK C-203 MOLES	TANK C-203 CURIES	TANK C-204 MOLES	TANK C-204 CURIES	TANK S-101 MOLES	TANK S-101 CURIES	TANK S-102 MOLES	TANK S-102 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.E+04	0.	8.E-05	0.
CO3	2.E+05	0.	2.E+02	0.	8.E+03	0.	8.E+02	0.	7.E+00	0.	2.E+05	0.	3.E-04	0.
Ca	1.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.E-04	0.	1.E-12	0.
Ce	6.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+01	0.	2.E-07	0.
Cl	3.E-06	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-05	0.	8.E-14	0.
Cr	1.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.E+05	0.	8.E+04	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E+02	0.	6.E-07	0.
F	1.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	4.E-05	0.
Fe	2.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+04	0.	1.E+04	0.
Fe(CN)6	5.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+01	0.	2.E+01	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+02	0.	1.E-06	0.
K	2.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E+04	0.	4.E-05	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-26	0.	1.E-33	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+02	0.	6.E-07	0.
NO2	4.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+05	0.	6.E-04	0.
NO3	3.E+05	0.	1.E+01	0.	2.E-07	0.	4.E-05	0.	6.E-01	0.	1.E+07	0.	1.E+07	0.
Na	4.E+05	0.	4.E+02	0.	1.E+04	0.	1.E+03	0.	4.E+01	0.	1.E+07	0.	1.E+07	0.
Ni	1.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.E+02	0.	3.E+03	0.
OH	1.E+06	0.	2.E+01	0.	9.E+01	0.	5.E+01	0.	2.E+01	0.	1.E+07	0.	5.E+06	0.
PO4	9.E+03	0.	2.E+01	0.	7.E-12	0.	7.E-05	0.	1.E+00	0.	2.E+04	0.	7.E+03	0.
Pb	1.E-10	0.	5.E-13	0.	6.E-11	0.	6.E-12	0.	2.E-14	0.	2.E+00	0.	3.E+03	0.
SiO3	2.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	4.E-05	0.
SO4	3.E+03	0.	3.E+01	0.	8.E-02	0.	8.E-02	0.	1.E+00	0.	5.E+04	0.	2.E+03	0.
Sr	1.E+02	0.	0	0.	0.	0.	0.	0.	0.	0.	1.E+01	0.	1.E-08	0.
ZrO	3.E+02	0.	3.E-02	0.	1.E-02	0.	8.E-02	0.	4.E-05	0.	5.E+01	0.	9.E+00	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK S-103 MOLES	TANK S-103 CURIES	TANK S-104 MOLES	TANK S-104 CURIES	TANK S-105 MOLES	TANK S-105 CURIES	TANK S-106 MOLES	TANK S-106 CURIES	TANK S-107 MOLES	TANK S-107 CURIES	TANK S-108 MOLES	TANK S-108 CURIES	TANK S-109 MOLES	TANK S-109 CURIES
Ac225	3.E-15	5.E-08	3.E-15	4.E-08	2.E-15	3.E-08	2.E-15	3.E-08	1.E-15	1.E-08	2.E-15	3.E-08	4.E-15	5.E-08
Ac227	1.E-12	2.E-08	9.E-10	1.E-05	4.E-10	7.E-06	8.E-10	1.E-05	4.E-09	7.E-05	3.E-09	4.E-05	8.E-09	1.E-04
Am241	1.E-03	1.E+00	1.E-01	1.E+02	1.E-02	9.E+00	2.E-03	2.E+00	5.E-01	4.E+02	2.E-01	2.E+02	2.E-01	2.E+02
Am242	5.E-12	1.E-03	4.E-10	7.E-02	3.E-11	6.E-03	7.E-12	1.E-03	1.E-09	2.E-01	1.E-09	3.E-01	2.E-09	3.E-01
Am242m	4.E-07	1.E-03	3.E-05	7.E-02	3.E-06	6.E-03	6.E-07	1.E-03	1.E-04	2.E-01	1.E-04	3.E-01	1.E-04	3.E-01
Am243	5.E-06	3.E-04	4.E-04	2.E-02	4.E-05	2.E-03	1.E-05	5.E-04	1.E-03	7.E-02	2.E-03	1.E-01	3.E-03	1.E-01
At217	1.E-22	5.E-08	1.E-22	4.E-08	9.E-23	3.E-08	9.E-23	3.E-08	4.E-23	1.E-08	8.E-23	3.E-08	1.E-22	5.E-08
Ba137m	4.E-15	3.E-04	5.E-07	4.E+04	1.E-06	1.E+05	3.E-06	2.E+05	2.E-15	2.E-04	4.E-06	3.E+05	2.E-05	2.E+06
Bi210	5.E-19	1.E-11	2.E-18	6.E-11	1.E-19	3.E-12	5.E-20	1.E-12	1.E-17	3.E-10	1.E-18	3.E-11	5.E-19	1.E-11
Bi211	2.E-19	2.E-08	2.E-16	1.E-05	8.E-17	7.E-06	1.E-16	1.E-05	8.E-16	7.E-05	5.E-16	4.E-05	2.E-15	1.E-04
Bi213	1.E-17	5.E-08	1.E-17	5.E-08	8.E-18	3.E-08	8.E-18	3.E-08	3.E-18	1.E-08	7.E-18	3.E-08	1.E-17	5.E-08
Bi214	7.E-22	7.E-12	4.E-20	4.E-10	2.E-21	2.E-11	7.E-22	6.E-12	2.E-19	2.E-09	2.E-20	1.E-10	7.E-21	7.E-11
C14	3.E-08	2.E-06	9.E-02	5.E+00	2.E-01	1.E+01	5.E-01	3.E+01	2.E-09	1.E-07	1.E+00	6.E+01	5.E+00	3.E+02
Cm242	1.E-09	9.E-04	7.E-08	6.E-02	7.E-09	5.E-03	1.E-09	1.E-03	2.E-07	2.E-01	3.E-07	2.E-01	3.E-07	3.E-01
Cm244	1.E-13	2.E-09	8.E-08	2.E-03	2.E-07	3.E-03	7.E-07	1.E-02	1.E-13	2.E-09	4.E-05	8.E-01	5.E-05	1.E+00
Cm245	2.E-15	7.E-14	7.E-10	3.E-08	1.E-09	5.E-08	1.E-08	4.E-07	4.E-15	1.E-13	8.E-07	3.E-05	1.E-06	4.E-05
Cs135	1.E-08	2.E-09	2.E+00	3.E-01	7.E+00	1.E+00	1.E+01	2.E+00	4.E-09	6.E-10	9.E+00	1.E+00	6.E+01	9.E+00
Cs137	3.E-08	4.E-04	3.E+00	4.E+04	9.E+00	1.E+05	2.E+01	2.E+05	1.E-08	2.E-04	2.E+01	3.E+05	1.E+02	2.E+06
Fr221	1.E-18	5.E-08	1.E-18	4.E-08	8.E-19	3.E-08	8.E-19	3.E-08	3.E-19	1.E-08	7.E-19	3.E-08	1.E-18	5.E-08
Fr223	3.E-20	3.E-10	2.E-17	2.E-07	1.E-17	1.E-07	2.E-17	2.E-07	1.E-16	1.E-06	7.E-17	6.E-07	2.E-16	2.E-06
I129	3.E-08	7.E-10	7.E-01	2.E-02	2.E+00	5.E-02	4.E+00	9.E-02	3.E-08	7.E-10	1.E+01	2.E-01	4.E+01	9.E-01
Nb93m	4.E-06	1.E-01	7.E-04	2.E+01	7.E-05	2.E+00	1.E-05	4.E-01	1.E-03	3.E+01	2.E-04	5.E+00	4.E-04	1.E+01
Ni63	7.E-01	3.E+03	3.E-02	1.E+02	7.E-02	3.E+02	1.E-01	5.E+02	2.E-01	9.E+02	2.E-01	6.E+02	3.E-01	1.E+03
Np237	2.E-05	3.E-06	2.E-01	4.E-02	6.E-01	1.E-01	1.E+00	2.E-01	1.E-02	2.E-03	1.E+00	2.E-01	7.E+00	1.E+00
Np239	4.E-12	2.E-04	3.E-10	2.E-02	3.E-11	2.E-03	9.E-12	5.E-04	1.E-09	6.E-02	2.E-09	1.E-01	2.E-09	1.E-01
Pa231	2.E-08	2.E-07	4.E-06	4.E-05	1.E-06	1.E-05	2.E-06	2.E-05	2.E-05	3.E-04	9.E-06	1.E-04	3.E-05	3.E-04
Pa233	6.E-13	3.E-06	8.E-09	4.E-02	2.E-08	1.E-01	4.E-08	2.E-01	4.E-10	2.E-03	5.E-08	2.E-01	3.E-07	1.E+00
Pa234m	2.E-13	3.E-02	1.E-11	2.E+00	8.E-13	1.E-01	9.E-14	1.E-02	8.E-11	1.E+01	1.E-12	2.E-01	2.E-13	3.E-02
Pb209	5.E-17	5.E-08	5.E-17	4.E-08	3.E-17	3.E-08	3.E-17	3.E-08	1.E-17	1.E-08	3.E-17	3.E-08	6.E-17	5.E-08
Pb210	7.E-16	1.E-11	3.E-15	5.E-11	2.E-16	3.E-12	8.E-17	1.E-12	2.E-14	3.E-10	1.E-15	2.E-11	8.E-16	1.E-11
Pb211	4.E-18	2.E-08	3.E-15	1.E-05	1.E-15	7.E-06	2.E-15	1.E-05	1.E-14	7.E-05	8.E-15	4.E-05	3.E-14	1.E-04
Pb214	1.E-21	7.E-12	5.E-20	4.E-10	2.E-21	2.E-11	9.E-22	7.E-12	3.E-19	2.E-09	2.E-20	1.E-10	9.E-21	7.E-11
Pd107	1.E-08	8.E-10	4.E-01	2.E-02	1.E+00	7.E-02	2.E+00	1.E-01	1.E-08	8.E-10	8.E+00	4.E-01	3.E+01	1.E+00
Po210	1.E-17	1.E-11	5.E-17	5.E-11	3.E-18	3.E-12	1.E-18	1.E-12	3.E-16	3.E-10	2.E-17	2.E-11	1.E-17	1.E-11
Po213	2.E-26	4.E-08	2.E-26	4.E-08	1.E-26	3.E-08	1.E-26	3.E-08	5.E-27	1.E-08	1.E-26	3.E-08	2.E-26	5.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-103 MOLES	TANK S-103 CURIES	TANK S-104 MOLES	TANK S-104 CURIES	TANK S-105 MOLES	TANK S-105 CURIES	TANK S-106 MOLES	TANK S-106 CURIES	TANK S-107 MOLES	TANK S-107 CURIES	TANK S-108 MOLES	TANK S-108 CURIES	TANK S-109 MOLES	TANK S-109 CURIES
Po214	1.E-28	8.E-12	7.E-27	5.E-10	3.E-28	2.E-11	1.E-28	8.E-12	3.E-26	2.E-09	3.E-27	2.E-10	1.E-27	8.E-11
Po215	3.E-24	2.E-08	2.E-21	1.E-05	1.E-21	7.E-06	2.E-21	1.E-05	1.E-20	7.E-05	7.E-21	4.E-05	2.E-20	1.E-04
Po218	1.E-22	7.E-12	6.E-21	4.E-10	3.E-22	2.E-11	1.E-22	7.E-12	3.E-20	2.E-09	2.E-21	1.E-10	1.E-21	7.E-11
Pu238	7.E-05	3.E-01	2.E-03	1.E+01	7.E-05	3.E-01	2.E-05	1.E-01	1.E-02	5.E+01	8.E-04	3.E+00	1.E-04	4.E-01
Pu239	1.E-01	2.E+00	1.E+01	2.E+02	9.E-01	1.E+01	1.E-01	1.E+00	8.E+01	1.E+03	2.E+00	3.E+01	2.E-01	3.E+00
Pu240	8.E-03	5.E-01	7.E-01	4.E+01	5.E-02	3.E+00	6.E-03	3.E-01	4.E+00	2.E+02	1.E-01	6.E+00	1.E-02	7.E-01
Pu241	2.E-04	4.E+00	1.E-02	3.E+02	1.E-03	2.E+01	1.E-04	3.E+00	1.E-01	4.E+03	3.E-03	8.E+01	4.E-04	9.E+00
Ra223	2.E-15	2.E-08	1.E-12	1.E-05	6.E-13	7.E-06	1.E-12	1.E-05	6.E-12	7.E-05	4.E-12	4.E-05	1.E-11	1.E-04
Ra225	5.E-15	5.E-08	5.E-15	4.E-08	4.E-15	3.E-08	3.E-15	3.E-08	1.E-15	1.E-08	3.E-15	3.E-08	6.E-15	5.E-08
Ra226	3.E-14	7.E-12	2.E-12	4.E-10	8.E-14	2.E-11	3.E-14	7.E-12	8.E-12	2.E-09	7.E-13	1.E-10	3.E-13	7.E-11
Ru106	2.E-16	6.E-11	4.E-08	1.E-02	4.E-09	1.E-03	4.E-09	1.E-03	5.E-05	2.E+01	3.E-06	1.E+00	5.E-07	2.E-01
Sb126	5.E-09	5.E-02	4.E-07	4.E+00	4.E-08	4.E-01	5.E-09	5.E-02	7.E-07	7.E+00	7.E-08	8.E-01	2.E-07	2.E+00
Sb126m	5.E-12	5.E-02	4.E-10	4.E+00	4.E-11	4.E-01	5.E-12	5.E-02	7.E-10	7.E+00	8.E-11	8.E-01	2.E-10	2.E+00
Se79	2.E-09	1.E-08	5.E-02	3.E-01	1.E-01	8.E-01	3.E-01	2.E+00	2.E-09	1.E-08	8.E-01	5.E+00	3.E+00	2.E+01
Sm151	2.E-02	7.E+01	1.E+00	5.E+03	1.E-01	5.E+02	2.E-02	7.E+01	2.E+00	9.E+03	2.E-01	9.E+02	7.E-01	3.E+03
Sn126	1.E-02	5.E-02	1.E+00	4.E+00	1.E-01	4.E-01	2.E-02	5.E-02	2.E+00	7.E+00	2.E-01	7.E-01	7.E-01	2.E+00
Sr90	3.E-08	4.E-04	5.E+01	6.E+05	5.E+00	6.E+04	1.E+00	2.E+04	7.E+01	8.E+05	7.E+00	9.E+04	8.E+00	1.E+05
Tc99	2.E-07	4.E-07	6.E+00	1.E+01	2.E+01	3.E+01	3.E+01	6.E+01	2.E-07	4.E-07	1.E+02	2.E+02	3.E+02	6.E+02
Th227	3.E-15	2.E-08	2.E-12	1.E-05	1.E-12	7.E-06	2.E-12	1.E-05	1.E-11	7.E-05	6.E-12	4.E-05	2.E-11	1.E-04
Th229	9.E-10	5.E-08	9.E-10	4.E-08	7.E-10	3.E-08	6.E-10	3.E-08	3.E-10	1.E-08	6.E-10	3.E-08	1.E-09	5.E-08
Th230	6.E-10	3.E-09	2.E-08	1.E-07	1.E-09	4.E-09	3.E-10	1.E-09	1.E-07	5.E-07	7.E-09	3.E-08	2.E-09	8.E-09
Th231	9.E-12	1.E-03	7.E-10	8.E-02	4.E-11	5.E-03	5.E-12	6.E-04	5.E-09	6.E-01	9.E-11	1.E-02	1.E-11	1.E-03
Th234	5.E-09	3.E-02	4.E-07	2.E+00	2.E-08	1.E-01	3.E-09	1.E-02	2.E-06	1.E+01	4.E-08	2.E-01	5.E-09	3.E-02
Tl207	5.E-19	2.E-08	4.E-16	1.E-05	2.E-16	7.E-06	3.E-16	1.E-05	2.E-15	7.E-05	1.E-15	4.E-05	4.E-15	1.E-04
U233	2.E-05	5.E-05	1.E-05	3.E-05	1.E-05	2.E-05	1.E-05	2.E-05	4.E-06	8.E-06	1.E-05	2.E-05	3.E-05	6.E-05
U234	2.E-05	2.E-05	6.E-04	9.E-04	2.E-05	3.E-05	7.E-06	1.E-05	3.E-03	5.E-03	2.E-04	3.E-04	2.E-05	4.E-05
U235	2.E+00	1.E-03	2.E+02	8.E-02	1.E+01	5.E-03	1.E+00	6.E-04	1.E+03	6.E-01	2.E+01	1.E-02	2.E+00	1.E-03
U238	3.E+02	3.E-02	2.E+04	2.E+00	2.E+03	1.E-01	2.E+02	1.E-02	2.E+05	1.E+01	3.E+03	2.E-01	3.E+02	3.E-02
Y90	8.E-12	4.E-04	1.E-02	6.E+05	1.E-03	6.E+04	3.E-04	2.E+04	2.E-02	8.E+05	2.E-03	9.E+04	2.E-03	1.E+05
Zr93	1.E+00	3.E-01	1.E+02	3.E+01	1.E+01	2.E+00	1.E+00	3.E-01	2.E+02	4.E+01	9.E+00	2.E+00	1.E+00	2.E-01
Ag	8.E-15	0.	1.E-06	0.	3.E-06	0.	7.E-06	0.	3.E-14	0.	1.E-05	0.	5.E-05	0.
Al	4.E+04	0.	4.E+06	0.	1.E+06	0.	2.E+06	0.	5.E+06	0.	2.E+06	0.	8.E+06	0.
Ba	3.E+01	0.	2.E+01	0.	1.E+01	0.	2.E+01	0.	8.E+00	0.	1.E+01	0.	4.E+01	0.
Bi	1.E-12	0.	7.E-13	0.	5.E-13	0.	6.E-13	0.	3.E-13	0.	5.E-13	0.	9.E-13	0.
C2H3O3	3.E-05	0.	0.	0.	0.	0.	1.E+01	0.	1.E-07	0.	7.E+02	0.	4.E+03	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-103 MOLES	TANK S-103 CURIES	TANK S-104 MOLES	TANK S-104 CURIES	TANK S-105 MOLES	TANK S-105 CURIES	TANK S-106 MOLES	TANK S-106 CURIES	TANK S-107 MOLES	TANK S-107 CURIES	TANK S-108 MOLES	TANK S-108 CURIES	TANK S-109 MOLES	TANK S-109 CURIES
C6H5O7	2.E-04	0.	0.	0.	0.	0.	1.E+04	0.	2.E-04	0.	7.E+04	0.	1.E+05	0.
CO3	5.E-03	0.	0.	0.	0.	0.	3.E+03	0.	2.E-04	0.	1.E+05	0.	5.E+05	0.
Ca	4.E-03	0.	0.	0.	0.	0.	4.E-04	0.	2.E-12	0.	2.E-03	0.	4.E-03	0.
Ce	2.E-07	0.	0.	0.	0.	0.	5.E-03	0.	3.E-08	0.	3.E+01	0.	4.E+01	0.
Cl	5.E-13	0.	0.	0.	0.	0.	1.E-08	0.	6.E-14	0.	2.E-05	0.	7.E-05	0.
Cr	9.E+03	0.	9.E+05	0.	8.E+04	0.	9.E+03	0.	7.E+05	0.	7.E+04	0.	8.E+03	0.
EDTA	6.E-05	0.	0.	0.	0.	0.	2.E+01	0.	2.E-07	0.	1.E+03	0.	6.E+03	0.
F	1.E-04	0.	0.	0.	0.	0.	8.E+01	0.	5.E+05	0.	3.E+04	0.	2.E+05	0.
Fe	5.E+02	0.	5.E+04	0.	5.E+03	0.	3.E+03	0.	4.E+04	0.	2.E+04	0.	3.E+04	0.
Fe(CN)6	7.E-12	0.	0.	0.	0.	0.	3.E-03	0.	2.E+00	0.	3.E+00	0.	2.E+01	0.
HEDTA	6.E-05	0.	0.	0.	0.	0.	4.E+01	0.	5.E-07	0.	2.E+03	0.	1.E+04	0.
K	3.E-05	0.	0.	0.	0.	0.	2.E+01	0.	6.E-05	0.	1.E+04	0.	1.E+04	0.
La	7.E-24	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E-35	0.	0.	0.
Mn	8.E-06	0.	0.	0.	0.	0.	4.E+01	0.	2.E-06	0.	5.E+02	0.	2.E+03	0.
NO2	2.E-03	0.	2.E+05	0.	2.E+05	0.	5.E+05	0.	5.E-04	0.	3.E+05	0.	1.E+06	0.
NO3	6.E+07	0.	2.E+07	0.	2.E+07	0.	2.E+07	0.	1.E+07	0.	9.E+06	0.	8.E+07	0.
Na	6.E+07	0.	2.E+07	0.	2.E+07	0.	2.E+07	0.	1.E+07	0.	7.E+06	0.	6.E+07	0.
Ni	1.E+02	0.	0.	0.	0.	0.	9.E-01	0.	3.E+02	0.	3.E+02	0.	2.E+02	0.
OH	1.E+05	0.	1.E+07	0.	1.E+06	0.	1.E+05	0.	2.E+07	0.	1.E+06	0.	1.E+05	0.
PO4	3.E+04	0.	0.	0.	0.	0.	1.E+01	0.	3.E-05	0.	1.E+04	0.	5.E+04	0.
Pb	2.E-02	0.	3.E-10	0.	2.E-10	0.	3.E-02	0.	4.E-02	0.	4.E-02	0.	1.E-01	0.
SiO3	2.E-05	0.	2.E+03	0.	3.E+03	0.	1.E+04	0.	2.E-05	0.	1.E+04	0.	3.E+04	0.
SO4	3.E+01	0.	8.E+03	0.	3.E+04	0.	5.E+04	0.	8.E+00	0.	8.E+04	0.	4.E+05	0.
Sr	7.E-09	0.	0.	0.	0.	0.	5.E-05	0.	1.E-08	0.	3.E+00	0.	8.E-01	0.
ZrO	6.E+00	0.	5.E+01	0.	5.E+00	0.	7.E-01	0.	4.E+05	0.	2.E+04	0.	2.E+03	0.

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK S-110 MOLES	TANK S-110 CURIES	TANK S-111 MOLES	TANK S-111 CURIES	TANK S-112 MOLES	TANK S-112 CURIES	TANK SX-101 MOLES	TANK SX-101 CURIES	TANK SX-102 MOLES	TANK SX-102 CURIES	TANK SX-103 MOLES	TANK SX-103 CURIES	TANK SX-104 MOLES	TANK SX-104 CURIES
Ac225	2.E-15	3.E-08	2.E-15	3.E-08	5.E-15	7.E-08	5.E-15	6.E-08	2.E-15	3.E-08	6.E-15	7.E-08	5.E-15	7.E-08
Ac227	7.E-09	1.E-04	6.E-09	1.E-04	4.E-08	6.E-04	6.E-10	1.E-05	8.E-11	1.E-06	3.E-08	5.E-04	5.E-09	8.E-05
Am241	7.E-02	6.E+01	2.E-02	1.E+01	1.E+00	1.E+03	2.E-01	1.E+02	2.E-02	2.E+01	3.E+00	3.E+03	7.E-01	6.E+02
Am242	3.E-10	6.E-02	9.E-11	2.E-02	1.E-08	2.E+00	2.E-09	3.E-01	2.E-10	3.E-02	3.E-08	5.E+00	6.E-09	1.E+00
Am242m	2.E-05	6.E-02	7.E-06	2.E-02	8.E-04	2.E+00	1.E-04	3.E-01	1.E-05	3.E-02	2.E-03	5.E+00	5.E-04	1.E+00
Am243	3.E-04	2.E-02	1.E-04	7.E-03	2.E-02	9.E-01	1.E-03	8.E-02	2.E-04	7.E-03	5.E-02	2.E+00	9.E-03	4.E-01
At217	8.E-23	3.E-08	9.E-23	3.E-08	2.E-22	7.E-08	2.E-22	6.E-08	9.E-23	3.E-08	2.E-22	7.E-08	2.E-22	7.E-08
Ba137m	2.E-05	2.E+06	2.E-05	2.E+06	7.E-05	5.E+06	2.E-16	2.E-05	6.E-09	5.E+02	3.E-05	2.E+06	2.E-06	1.E+05
Bi210	1.E-18	3.E-11	2.E-19	6.E-12	2.E-18	5.E-11	1.E-17	3.E-10	1.E-18	3.E-11	3.E-18	8.E-11	8.E-18	2.E-10
Bi211	1.E-15	1.E-04	1.E-15	1.E-04	7.E-15	7.E-04	1.E-16	1.E-05	2.E-17	1.E-06	6.E-15	5.E-04	1.E-15	8.E-05
Bi213	7.E-18	3.E-08	8.E-18	3.E-08	2.E-17	7.E-08	2.E-17	7.E-08	8.E-18	3.E-08	2.E-17	8.E-08	2.E-17	7.E-08
Bi214	2.E-20	1.E-10	3.E-21	3.E-11	2.E-20	2.E-10	2.E-19	1.E-09	2.E-20	2.E-10	5.E-20	4.E-10	1.E-19	1.E-09
C14	3.E+00	2.E+02	3.E+00	2.E+02	2.E+01	1.E+03	1.E-10	6.E-09	4.E-03	3.E-01	1.E+01	6.E+02	1.E+00	7.E+01
Cm242	6.E-08	5.E-02	2.E-08	1.E-02	2.E-06	2.E+00	3.E-07	3.E-01	3.E-08	3.E-02	5.E-06	4.E+00	1.E-06	9.E-01
Cm244	2.E-05	3.E-01	2.E-05	3.E-01	4.E-04	7.E+00	3.E-15	6.E-11	5.E-07	9.E-03	8.E-04	2.E+01	1.E-04	2.E+00
Cm245	2.E-07	7.E-06	2.E-07	8.E-06	7.E-06	3.E-04	5.E-17	2.E-15	9.E-09	4.E-07	2.E-05	7.E-04	2.E-06	1.E-04
Cs135	4.E+01	5.E+00	3.E+01	5.E+00	1.E+02	2.E+01	4.E-10	6.E-11	1.E-02	2.E-03	5.E+01	7.E+00	4.E+00	6.E-01
Cs137	2.E+02	2.E+06	1.E+02	2.E+06	5.E+02	6.E+06	2.E-09	2.E-05	4.E-02	5.E+02	2.E+02	2.E+06	1.E+01	1.E+05
Fr221	7.E-19	3.E-08	8.E-19	3.E-08	2.E-18	7.E-08	2.E-18	6.E-08	8.E-19	3.E-08	2.E-18	7.E-08	2.E-18	7.E-08
Fr223	2.E-16	2.E-06	2.E-16	1.E-06	1.E-15	9.E-06	2.E-17	1.E-07	2.E-18	2.E-08	9.E-16	8.E-06	1.E-16	1.E-06
I129	2.E+01	6.E-01	2.E+01	5.E-01	2.E+02	4.E+00	8.E-10	2.E-11	8.E-02	2.E-03	1.E+02	3.E+00	2.E+01	5.E-01
Nb93m	8.E-04	2.E+01	3.E-04	8.E+00	2.E-03	5.E+01	1.E-03	3.E+01	1.E-04	3.E+00	2.E-03	5.E+01	1.E-03	3.E+01
Ni63	4.E-01	2.E+03	2.E-01	9.E+02	6.E-01	2.E+03	2.E-01	6.E+02	7.E-01	3.E+03	2.E-01	7.E+02	1.E-01	4.E+02
Np237	2.E+00	3.E-01	2.E+00	3.E-01	2.E+01	4.E+00	7.E-03	1.E-03	5.E-03	9.E-04	1.E+01	2.E+00	1.E+00	2.E-01
Np239	3.E-10	2.E-02	1.E-10	7.E-03	2.E-08	9.E-01	1.E-09	6.E-02	1.E-10	7.E-03	4.E-08	2.E+00	8.E-09	4.E-01
Pa231	2.E-05	3.E-04	2.E-05	2.E-04	1.E-04	1.E-03	3.E-06	3.E-05	4.E-07	4.E-06	1.E-04	1.E-03	2.E-05	2.E-04
Pa233	6.E-08	3.E-01	6.E-08	3.E-01	8.E-07	4.E+00	2.E-10	1.E-03	2.E-10	9.E-04	4.E-07	2.E+00	4.E-08	2.E-01
Pa234m	5.E-12	8.E-01	7.E-13	1.E-01	1.E-13	2.E-02	9.E-12	1.E+00	1.E-12	2.E-01	3.E-13	6.E-02	7.E-12	1.E+00
Pb209	3.E-17	3.E-08	3.E-17	3.E-08	7.E-17	7.E-08	7.E-17	6.E-08	3.E-17	3.E-08	8.E-17	7.E-08	7.E-17	7.E-08
Pb210	2.E-15	3.E-11	3.E-16	6.E-12	3.E-15	4.E-11	2.E-14	2.E-10	2.E-15	3.E-11	5.E-15	8.E-11	1.E-14	2.E-10
Pb211	2.E-14	1.E-04	2.E-14	1.E-04	1.E-13	6.E-04	2.E-15	1.E-05	3.E-16	1.E-06	1.E-13	5.E-04	2.E-14	8.E-05
Pb214	2.E-20	1.E-10	4.E-21	3.E-11	3.E-20	2.E-10	2.E-19	1.E-09	2.E-20	2.E-10	6.E-20	4.E-10	2.E-19	1.E-09
Pd107	2.E+01	9.E-01	2.E+01	9.E-01	1.E+02	6.E+00	4.E-10	2.E-11	6.E-02	3.E-03	1.E+02	6.E+00	1.E+01	8.E-01
Po210	3.E-17	2.E-11	6.E-18	5.E-12	4.E-17	4.E-11	2.E-16	2.E-10	3.E-17	3.E-11	8.E-17	8.E-11	2.E-16	2.E-10
Po213	1.E-26	3.E-08	1.E-26	3.E-08	2.E-26	7.E-08	2.E-26	6.E-08	1.E-26	3.E-08	3.E-26	7.E-08	2.E-26	7.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-110 MOLES	TANK S-110 CURIES	TANK S-111 MOLES	TANK S-111 CURIES	TANK S-112 MOLES	TANK S-112 CURIES	TANK SX-101 MOLES	TANK SX-101 CURIES	TANK SX-102 MOLES	TANK SX-102 CURIES	TANK SX-103 MOLES	TANK SX-103 CURIES	TANK SX-104 MOLES	TANK SX-104 CURIES
Po214	3.E-27	2.E-10	5.E-28	4.E-11	4.E-27	2.E-10	3.E-26	2.E-09	3.E-27	2.E-10	8.E-27	5.E-10	2.E-26	2.E-09
Po215	2.E-20	1.E-04	2.E-20	1.E-04	1.E-19	6.E-04	2.E-21	1.E-05	2.E-22	1.E-06	9.E-20	5.E-04	1.E-20	8.E-05
Po218	2.E-21	1.E-10	5.E-22	3.E-11	3.E-21	2.E-10	2.E-20	1.E-09	3.E-21	2.E-10	7.E-21	4.E-10	2.E-20	1.E-09
Pu238	6.E-04	2.E+00	8.E-05	3.E-01	4.E-05	2.E-01	9.E-03	4.E+01	1.E-03	4.E+00	2.E-04	9.E-01	9.E-03	4.E+01
Pu239	6.E+00	9.E+01	6.E-01	9.E+00	7.E-02	1.E+00	1.E+01	2.E+02	1.E+00	2.E+01	1.E-01	2.E+00	1.E+01	2.E+02
Pu240	4.E-01	2.E+01	4.E-02	2.E+00	4.E-03	2.E-01	7.E-01	4.E+01	7.E-02	4.E+00	8.E-03	4.E-01	6.E-01	4.E+01
Pu241	7.E-03	2.E+02	7.E-04	2.E+01	8.E-05	2.E+00	1.E-02	4.E+02	1.E-03	4.E+01	2.E-04	4.E+00	1.E-02	3.E+02
Ra223	1.E-11	1.E-04	9.E-12	1.E-04	6.E-11	6.E-04	9.E-13	1.E-05	1.E-13	1.E-06	5.E-11	5.E-04	7.E-12	8.E-05
Ra225	3.E-15	3.E-08	4.E-15	3.E-08	8.E-15	7.E-08	7.E-15	6.E-08	4.E-15	3.E-08	8.E-15	7.E-08	8.E-15	7.E-08
Ra226	7.E-13	1.E-10	1.E-13	3.E-11	9.E-13	2.E-10	6.E-12	1.E-09	7.E-13	2.E-10	2.E-12	4.E-10	6.E-12	1.E-09
Ru106	1.E-07	5.E-02	1.E-07	4.E-02	6.E-07	2.E-01	2.E-07	5.E-02	3.E-07	1.E-01	8.E-07	3.E-01	3.E-07	1.E-01
Sb126	3.E-07	3.E+00	4.E-08	4.E-01	1.E-07	1.E+00	6.E-07	6.E+00	6.E-08	6.E-01	5.E-07	5.E+00	5.E-07	6.E+00
Sb126m	3.E-10	3.E+00	4.E-11	4.E-01	1.E-10	1.E+00	6.E-10	6.E+00	6.E-11	6.E-01	5.E-10	5.E+00	6.E-10	6.E+00
Se79	2.E+00	1.E+01	2.E+00	1.E+01	1.E+01	7.E+01	5.E-11	3.E-10	6.E-03	3.E-02	1.E+01	6.E+01	2.E+00	9.E+00
Sm151	9.E-01	3.E+03	1.E-01	5.E+02	4.E-01	2.E+03	2.E+00	1.E+04	2.E-01	1.E+03	2.E+00	6.E+03	2.E+00	1.E+04
Sn126	8.E-01	3.E+00	1.E-01	4.E-01	4.E-01	1.E+00	2.E+00	6.E+00	2.E-01	6.E-01	1.E+00	5.E+00	2.E+00	5.E+00
Sr90	6.E+01	7.E+05	7.E+01	9.E+05	1.E+02	2.E+06	7.E+01	9.E+05	2.E+02	2.E+06	7.E+01	9.E+05	7.E+00	9.E+04
Tc99	2.E+02	4.E+02	2.E+02	3.E+02	1.E+03	2.E+03	6.E-09	1.E-08	7.E-01	1.E+00	1.E+03	2.E+03	2.E+02	3.E+02
Th227	2.E-11	1.E-04	1.E-11	9.E-05	9.E-11	6.E-04	1.E-12	1.E-05	2.E-13	1.E-06	7.E-11	5.E-04	1.E-11	8.E-05
Th229	6.E-10	3.E-08	6.E-10	3.E-08	1.E-09	7.E-08	1.E-09	6.E-08	6.E-10	3.E-08	2.E-09	7.E-08	1.E-09	7.E-08
Th230	8.E-09	4.E-08	1.E-09	5.E-09	6.E-10	3.E-09	8.E-08	4.E-07	9.E-09	4.E-08	3.E-09	2.E-08	8.E-08	4.E-07
Th231	3.E-10	4.E-02	4.E-11	5.E-03	5.E-12	7.E-04	5.E-10	6.E-02	6.E-11	7.E-03	2.E-11	2.E-03	4.E-10	5.E-02
Th234	2.E-07	8.E-01	2.E-08	1.E-01	3.E-09	2.E-02	3.E-07	1.E+00	3.E-08	2.E-01	1.E-08	6.E-02	2.E-07	1.E+00
Tl207	3.E-15	1.E-04	3.E-15	1.E-04	2.E-14	6.E-04	3.E-16	1.E-05	3.E-17	1.E-06	1.E-14	5.E-04	2.E-15	8.E-05
U233	1.E-05	2.E-05	1.E-05	3.E-05	6.E-05	1.E-04	2.E-05	5.E-05	8.E-06	2.E-05	4.E-05	8.E-05	2.E-05	5.E-05
U234	2.E-04	3.E-04	3.E-05	4.E-05	6.E-06	9.E-06	2.E-03	3.E-03	3.E-04	4.E-04	5.E-05	8.E-05	2.E-03	3.E-03
U235	7.E+01	4.E-02	1.E+01	5.E-03	1.E+00	7.E-04	1.E+02	6.E-02	1.E+01	8.E-03	5.E+00	2.E-03	1.E+02	5.E-02
U238	1.E+04	9.E-01	1.E+03	1.E-01	2.E+02	2.E-02	2.E+04	1.E+00	2.E+03	2.E-01	7.E+02	6.E-02	1.E+04	1.E+00
Y90	1.E-02	7.E+05	2.E-02	9.E+05	4.E-02	2.E+06	2.E-02	9.E+05	5.E-02	3.E+06	2.E-02	9.E+05	2.E-03	9.E+04
Zr93	7.E+01	2.E+01	7.E+00	2.E+00	8.E-01	2.E-01	2.E+02	4.E+01	2.E+01	4.E+00	2.E+00	4.E-01	1.E+02	3.E+01
Ag	3.E-05	0.	3.E-05	0.	2.E-04	0.	8.E-16	0.	5.E-08	0.	1.E-04	0.	1.E-05	0.
Al	7.E+06	0.	6.E+06	0.	2.E+07	0.	5.E+06	0.	6.E+06	0.	7.E+06	0.	4.E+06	0.
Ba	3.E+01	0.	3.E+01	0.	9.E+01	0.	3.E+01	0.	3.E+01	0.	1.E+02	0.	3.E+01	0.
Bi	5.E-13	0.	6.E-13	0.	1.E-12	0.	8.E-13	0.	6.E-13	0.	1.E-12	0.	9.E-13	0.
C2H3O3	3.E+02	0.	3.E+02	0.	2.E+03	0.	3.E-08	0.	5.E-01	0.	9.E+03	0.	3.E+02	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-110 MOLES	TANK S-110 CURIES	TANK S-111 MOLES	TANK S-111 CURIES	TANK S-112 MOLES	TANK S-112 CURIES	TANK SX-101 MOLES	TANK SX-101 CURIES	TANK SX-102 MOLES	TANK SX-102 CURIES	TANK SX-103 MOLES	TANK SX-103 CURIES	TANK SX-104 MOLES	TANK SX-104 CURIES
C6H5O7	1.E+05	0.	1.E+05	0.	7.E+05	0.	7.E-06	0.	6.E+02	0.	1.E+06	0.	1.E+05	0.
CO3	9.E+04	0.	9.E+04	0.	3.E+06	0.	1.E-05	0.	7.E+02	0.	2.E+06	0.	2.E+05	0.
Ca	3.E-02	0.	3.E-02	0.	7.E-02	0.	2.E-13	0.	3.E+01	0.	1.E+01	0.	6.E-04	0.
Ce	4.E+00	0.	4.E+00	0.	2.E+02	0.	6.E-09	0.	1.E-01	0.	2.E+02	0.	3.E+01	0.
Cl	1.E-05	0.	1.E-05	0.	6.E-04	0.	3.E-15	0.	2.E-07	0.	4.E-04	0.	6.E-05	0.
Cr	7.E+05	0.	7.E+04	0.	8.E+03	0.	1.E+06	0.	1.E+05	0.	1.E+04	0.	1.E+06	0.
EDTA	4.E+02	0.	4.E+02	0.	4.E+03	0.	5.E-08	0.	8.E-01	0.	1.E+04	0.	5.E+02	0.
F	6.E+03	0.	7.E+03	0.	7.E+05	0.	2.E-06	0.	6.E+01	0.	1.E+05	0.	2.E+04	0.
Fe	6.E+04	0.	2.E+04	0.	1.E+05	0.	8.E+04	0.	8.E+03	0.	2.E+05	0.	8.E+04	0.
Fe(CN)6	3.E+02	0.	1.E+02	0.	2.E+02	0.	2.E+02	0.	2.E+01	0.	1.E+02	0.	2.E+01	0.
HEDTA	9.E+02	0.	9.E+02	0.	7.E+03	0.	5.E-08	0.	2.E+00	0.	3.E+04	0.	1.E+03	0.
K	1.E+03	0.	1.E+03	0.	1.E+05	0.	2.E-06	0.	2.E+02	0.	3.E+05	0.	4.E+04	0.
La	0.	0.	0.	0.	0.	0.	3.E-36	0.	2.E-22	0.	1.E-12	0.	8.E-26	0.
Mn	4.E+02	0.	4.E+02	0.	4.E+03	0.	5.E-08	0.	4.E+00	0.	9.E+03	0.	1.E+03	0.
NO2	3.E+05	0.	3.E+05	0.	4.E+06	0.	3.E-05	0.	1.E+03	0.	3.E+06	0.	3.E+05	0.
NO3	1.E+07	0.	1.E+07	0.	2.E+08	0.	2.E+07	0.	6.E+07	0.	1.E+08	0.	3.E+07	0.
Na	5.E+06	0.	4.E+06	0.	1.E+08	0.	2.E+07	0.	6.E+07	0.	1.E+08	0.	3.E+07	0.
Ni	2.E+03	0.	1.E+03	0.	1.E+03	0.	1.E+03	0.	9.E+02	0.	3.E+03	0.	2.E+02	0.
OH	2.E+07	0.	1.E+07	0.	1.E+06	0.	2.E+07	0.	2.E+07	0.	5.E+06	0.	1.E+07	0.
PO4	3.E+03	0.	4.E+03	0.	4.E+05	0.	8.E-07	0.	7.E+03	0.	1.E+05	0.	3.E+04	0.
Pb	2.E+01	0.	2.E+00	0.	1.E+01	0.	6.E+03	0.	1.E+02	0.	4.E+03	0.	3.E+02	0.
SiO3	1.E+04	0.	1.E+04	0.	2.E+05	0.	2.E-06	0.	6.E+01	0.	1.E+05	0.	2.E+04	0.
SO4	2.E+05	0.	1.E+05	0.	2.E+06	0.	6.E+03	0.	3.E+02	0.	7.E+05	0.	8.E+04	0.
Sr	1.E+01	0.	9.E+00	0.	2.E+01	0.	8.E-10	0.	4.E-02	0.	2.E+02	0.	2.E+01	0.
ZrO	2.E+01	0.	3.E+01	0.	3.E+01	0.	7.E+01	0.	6.E+01	0.	5.E+01	0.	3.E+01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK SX-105		TANK SX-106		TANK SX-107		TANK SX-108		TANK SX-109		TANK SX-110		TANK SX-111	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	3.E-15	4.E-08	3.E-15	4.E-08	4.E-15	5.E-08	4.E-15	5.E-08	2.E-15	3.E-08	2.E-15	2.E-08	2.E-15	3.E-08
Ac227	1.E-08	2.E-04	5.E-09	9.E-05	4.E-10	7.E-06	5.E-10	7.E-06	2.E-10	4.E-06	2.E-10	3.E-06	5.E-10	8.E-06
Am241	1.E+00	1.E+03	5.E-01	4.E+02	6.E-01	5.E+02	6.E-01	5.E+02	3.E-01	2.E+02	9.E-01	7.E+02	1.E+00	9.E+02
Am242	9.E-09	2.E+00	3.E-09	6.E-01	3.E-09	6.E-01	3.E-09	6.E-01	2.E-09	3.E-01	4.E-09	8.E-01	6.E-09	1.E+00
Am242m	8.E-04	2.E+00	3.E-04	6.E-01	3.E-04	6.E-01	3.E-04	6.E-01	1.E-04	3.E-01	3.E-04	8.E-01	5.E-04	1.E+00
Am243	2.E-02	8.E-01	5.E-03	2.E-01	3.E-03	2.E-01	4.E-03	2.E-01	2.E-03	8.E-02	5.E-03	2.E-01	7.E-03	4.E-01
At217	1.E-22	4.E-08	1.E-22	4.E-08	1.E-22	5.E-08	1.E-22	5.E-08	8.E-23	3.E-08	7.E-23	2.E-08	7.E-23	3.E-08
Ba137m	4.E-06	3.E+05	4.E-06	3.E+05	1.E-13	8.E-03	2.E-13	2.E-02	2.E-13	2.E-02	4.E-15	3.E-04	7.E-21	5.E-10
Bi210	2.E-18	5.E-11	4.E-19	9.E-12	4.E-18	1.E-10	3.E-18	8.E-11	4.E-18	9.E-11	3.E-19	8.E-12	6.E-18	1.E-10
Bi211	2.E-15	2.E-04	1.E-15	9.E-05	8.E-17	7.E-06	9.E-17	8.E-06	5.E-17	4.E-06	3.E-17	3.E-06	9.E-17	8.E-06
Bi213	9.E-18	4.E-08	9.E-18	4.E-08	1.E-17	5.E-08	1.E-17	5.E-08	7.E-18	3.E-08	6.E-18	2.E-08	6.E-18	3.E-08
Bi214	3.E-20	3.E-10	1.E-20	1.E-10	7.E-20	6.E-10	5.E-20	5.E-10	6.E-20	6.E-10	7.E-21	7.E-11	1.E-19	9.E-10
C14	2.E+00	1.E+02	4.E-01	2.E+01	3.E-08	2.E-06	6.E-08	4.E-06	3.E-08	2.E-06	2.E-08	1.E-06	9.E-16	6.E-14
Cm242	2.E-06	2.E+00	6.E-07	5.E-01	6.E-07	5.E-01	6.E-07	5.E-01	3.E-07	3.E-01	8.E-07	6.E-01	1.E-06	9.E-01
Cm244	3.E-04	6.E+00	5.E-05	1.E+00	7.E-14	1.E-09	3.E-13	5.E-09	7.E-14	1.E-09	5.E-14	9.E-10	5.E-21	1.E-16
Cm245	6.E-06	2.E-04	1.E-06	4.E-05	9.E-16	4.E-14	2.E-15	7.E-14	9.E-16	4.E-14	9.E-16	4.E-14	3.E-23	1.E-21
Cs135	7.E+00	1.E+00	8.E+00	1.E+00	2.E-07	4.E-08	5.E-07	7.E-08	5.E-07	7.E-08	1.E-08	2.E-09	7.E-15	1.E-15
Cs137	3.E+01	3.E+05	2.E+01	3.E+05	7.E-07	8.E-03	1.E-06	2.E-02	1.E-06	2.E-02	3.E-08	3.E-04	5.E-14	6.E-10
Fr221	9.E-19	4.E-08	1.E-18	4.E-08	1.E-18	5.E-08	1.E-18	5.E-08	7.E-19	3.E-08	6.E-19	2.E-08	6.E-19	3.E-08
Fr223	3.E-16	2.E-06	1.E-16	1.E-06	1.E-17	1.E-07	1.E-17	1.E-07	7.E-18	6.E-08	5.E-18	4.E-08	1.E-17	1.E-07
I129	4.E+01	1.E+00	2.E+01	4.E-01	1.E-07	3.E-09	2.E-07	5.E-09	2.E-07	5.E-09	7.E-09	2.E-10	7.E-15	2.E-16
Nb93m	7.E-04	2.E+01	6.E-04	2.E+01	2.E-03	5.E+01	2.E-03	5.E+01	9.E-04	2.E+01	2.E-03	4.E+01	2.E-03	5.E+01
Ni63	4.E-01	1.E+03	9.E-02	4.E+02	2.E+00	6.E+03	2.E+00	7.E+03	7.E-09	3.E-05	2.E+00	9.E+03	1.E+00	5.E+03
Np237	3.E+00	4.E-01	3.E+00	5.E-01	1.E-02	2.E-03	2.E-02	3.E-03	6.E-03	1.E-03	1.E-02	2.E-03	3.E-02	5.E-03
Np239	1.E-08	8.E-01	4.E-09	2.E-01	3.E-09	2.E-01	3.E-09	2.E-01	1.E-09	8.E-02	4.E-09	2.E-01	6.E-09	3.E-01
Pa231	4.E-05	4.E-04	2.E-05	2.E-04	3.E-06	3.E-05	3.E-06	3.E-05	2.E-06	2.E-05	2.E-06	2.E-05	3.E-06	4.E-05
Pa233	9.E-08	4.E-01	1.E-07	5.E-01	5.E-10	2.E-03	6.E-10	3.E-03	2.E-10	1.E-03	5.E-10	2.E-03	9.E-10	5.E-03
Pa234m	6.E-13	1.E-01	1.E-12	2.E-01	1.E-11	2.E+00	1.E-11	2.E+00	7.E-12	1.E+00	1.E-11	2.E+00	1.E-11	2.E+00
Pb209	4.E-17	4.E-08	4.E-17	4.E-08	5.E-17	5.E-08	5.E-17	5.E-08	3.E-17	3.E-08	2.E-17	2.E-08	3.E-17	3.E-08
Pb210	3.E-15	4.E-11	5.E-16	9.E-12	6.E-15	9.E-11	5.E-15	8.E-11	5.E-15	9.E-11	5.E-16	8.E-12	9.E-15	1.E-10
Pb211	3.E-14	2.E-04	2.E-14	9.E-05	1.E-15	7.E-06	1.E-15	7.E-06	8.E-16	4.E-06	5.E-16	3.E-06	2.E-15	8.E-06
Pb214	4.E-20	3.E-10	2.E-20	1.E-10	9.E-20	6.E-10	7.E-20	5.E-10	8.E-20	6.E-10	1.E-20	7.E-11	1.E-19	9.E-10
Pd107	3.E+01	2.E+00	1.E+01	7.E-01	1.E-07	7.E-09	2.E-07	1.E-08	1.E-07	7.E-09	7.E-09	4.E-10	4.E-15	2.E-16
Po210	5.E-17	4.E-11	8.E-18	7.E-12	9.E-17	9.E-11	8.E-17	8.E-11	9.E-17	8.E-11	8.E-18	7.E-12	1.E-16	1.E-10
Po213	1.E-26	4.E-08	1.E-26	4.E-08	2.E-26	5.E-08	2.E-26	5.E-08	1.E-26	3.E-08	8.E-27	2.E-08	9.E-27	2.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-105 MOLES	TANK SX-105 CURIES	TANK SX-106 MOLES	TANK SX-106 CURIES	TANK SX-107 MOLES	TANK SX-107 CURIES	TANK SX-108 MOLES	TANK SX-108 CURIES	TANK SX-109 MOLES	TANK SX-109 CURIES	TANK SX-110 MOLES	TANK SX-110 CURIES	TANK SX-111 MOLES	TANK SX-111 CURIES
Po214	5.E-27	3.E-10	2.E-27	1.E-10	1.E-26	8.E-10	9.E-27	6.E-10	1.E-26	7.E-10	1.E-27	9.E-11	2.E-26	1.E-09
Po215	3.E-20	2.E-04	1.E-20	9.E-05	1.E-21	7.E-06	1.E-21	8.E-06	7.E-22	4.E-06	4.E-22	3.E-06	1.E-21	8.E-06
Po218	4.E-21	3.E-10	2.E-21	1.E-10	1.E-20	6.E-10	8.E-21	5.E-10	9.E-21	6.E-10	1.E-21	7.E-11	1.E-20	9.E-10
Pu238	9.E-04	4.E+00	4.E-06	2.E-02	5.E-03	2.E+01	4.E-03	2.E+01	4.E-03	2.E+01	2.E-03	6.E+00	8.E-03	3.E+01
Pu239	1.E+00	2.E+01	2.E-05	3.E-04	2.E+01	3.E+02	2.E+01	3.E+02	1.E+01	2.E+02	2.E+01	3.E+02	2.E+01	4.E+02
Pu240	6.E-02	3.E+00	1.E-05	8.E-04	1.E+00	6.E+01	1.E+00	6.E+01	7.E-01	4.E+01	1.E+00	7.E+01	2.E+00	8.E+01
Pu241	1.E-03	3.E+01	6.E-08	2.E-03	3.E-02	8.E+02	3.E-02	9.E+02	2.E-02	5.E+02	5.E-02	1.E+03	7.E-02	2.E+03
Ra223	1.E-11	2.E-04	8.E-12	9.E-05	6.E-13	7.E-06	6.E-13	7.E-06	4.E-13	4.E-06	2.E-13	3.E-06	7.E-13	8.E-06
Ra225	4.E-15	4.E-08	4.E-15	4.E-08	6.E-15	5.E-08	6.E-15	5.E-08	3.E-15	3.E-08	3.E-15	2.E-08	3.E-15	3.E-08
Ra226	1.E-12	3.E-10	5.E-13	1.E-10	3.E-12	6.E-10	2.E-12	5.E-10	2.E-12	6.E-10	3.E-13	7.E-11	4.E-12	9.E-10
Ru106	2.E-07	8.E-02	1.E-07	4.E-02	8.E-05	3.E+01	7.E-05	3.E+01	2.E-05	8.E+00	6.E-04	2.E+02	3.E-04	1.E+02
Sb126	7.E-08	8.E-01	9.E-07	9.E+00	1.E-06	1.E+01	1.E-06	1.E+01	7.E-07	8.E+00	2.E-06	2.E+01	2.E-06	2.E+01
Sb126m	8.E-11	8.E-01	1.E-09	9.E+00	1.E-09	1.E+01	1.E-09	1.E+01	8.E-10	8.E+00	2.E-09	2.E+01	2.E-09	2.E+01
Se79	3.E+00	2.E+01	1.E+00	7.E+00	1.E-08	8.E-08	3.E-08	2.E-07	1.E-08	8.E-08	9.E-10	5.E-09	4.E-16	2.E-15
Sm151	3.E-01	1.E+03	3.E+00	1.E+04	4.E+00	2.E+04	5.E+00	2.E+04	3.E+00	1.E+04	5.E+00	2.E+04	6.E+00	2.E+04
Sn126	2.E-01	8.E-01	3.E+00	9.E+00	4.E+00	1.E+01	4.E+00	1.E+01	2.E+00	8.E+00	5.E+00	2.E+01	5.E+00	2.E+01
Sr90	4.E+01	5.E+05	2.E+01	2.E+05	2.E+02	2.E+06	1.E+02	1.E+06	3.E+01	4.E+05	7.E+01	9.E+05	1.E+02	1.E+06
Tc99	4.E+02	7.E+02	1.E+02	3.E+02	2.E-06	3.E-06	4.E-06	6.E-06	2.E-06	3.E-06	1.E-07	2.E-07	6.E-14	1.E-13
Th227	2.E-11	2.E-04	1.E-11	9.E-05	9.E-13	6.E-06	1.E-12	7.E-06	6.E-13	4.E-06	4.E-13	3.E-06	1.E-12	8.E-06
Th229	8.E-10	4.E-08	8.E-10	4.E-08	1.E-09	5.E-08	1.E-09	5.E-08	6.E-10	3.E-08	5.E-10	2.E-08	5.E-10	3.E-08
Th230	8.E-09	4.E-08	4.E-09	2.E-08	4.E-08	2.E-07	3.E-08	2.E-07	3.E-08	2.E-07	7.E-09	3.E-08	6.E-08	3.E-07
Th231	3.E-11	4.E-03	7.E-11	9.E-03	6.E-10	8.E-02	7.E-10	9.E-02	4.E-10	5.E-02	7.E-10	9.E-02	9.E-10	1.E-01
Th234	2.E-08	1.E-01	4.E-08	2.E-01	3.E-07	2.E+00	3.E-07	2.E+00	2.E-07	1.E+00	3.E-07	2.E+00	4.E-07	2.E+00
Tl207	4.E-15	2.E-04	2.E-15	9.E-05	2.E-16	7.E-06	2.E-16	7.E-06	1.E-16	4.E-06	7.E-17	3.E-06	2.E-16	8.E-06
U233	1.E-05	3.E-05	3.E-06	7.E-06	1.E-05	3.E-05	1.E-05	3.E-05	7.E-06	2.E-05	8.E-06	2.E-05	6.E-06	1.E-05
U234	2.E-04	3.E-04	6.E-05	8.E-05	1.E-03	2.E-03	1.E-03	1.E-03	1.E-03	1.E-03	3.E-04	4.E-04	2.E-03	3.E-03
U235	8.E+00	4.E-03	2.E+01	9.E-03	2.E+02	8.E-02	2.E+02	9.E-02	1.E+02	5.E-02	2.E+02	9.E-02	2.E+02	1.E-01
U238	1.E+03	1.E-01	3.E+03	2.E-01	2.E+04	2.E+00	2.E+04	2.E+00	1.E+04	1.E+00	2.E+04	2.E+00	3.E+04	2.E+00
Y90	1.E-02	5.E+05	4.E-03	2.E+05	5.E-02	2.E+06	3.E-02	1.E+06	9.E-03	4.E+05	2.E-02	9.E+05	3.E-02	1.E+06
Zr93	1.E+01	3.E+00	0.	0.	3.E+02	8.E+01	4.E+02	8.E+01	2.E+02	5.E+01	4.E+02	1.E+02	4.E+02	1.E+02
Ag	3.E-05	0.	6.E-06	0.	2.E-13	0.	4.E-13	0.	3.E-13	0.	2.E-14	0.	8.E-21	0.
Al	1.E+06	0.	2.E+06	0.	3.E+06	0.	1.E+06	0.	2.E+06	0.	1.E+02	0.	3.E+06	0.
Ba	3.E+01	0.	2.E+00	0.	5.E+01	0.	4.E+01	0.	4.E+01	0.	1.E+02	0.	7.E+01	0.
Bi	7.E-13	0.	7.E-14	0.	1.E-12	0.	1.E-12	0.	5.E-13	0.	3.E-13	0.	5.E-13	0.
C2H3O3	3.E+02	0.	1.E+04	0.	0.	0.	0.	0.	0.	0.	2.E-05	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-105 MOLES	TANK SX-105 CURIES	TANK SX-106 MOLES	TANK SX-106 CURIES	TANK SX-107 MOLES	TANK SX-107 CURIES	TANK SX-108 MOLES	TANK SX-108 CURIES	TANK SX-109 MOLES	TANK SX-109 CURIES	TANK SX-110 MOLES	TANK SX-110 CURIES	TANK SX-111 MOLES	TANK SX-111 CURIES
C6H5O7	4.E+05	0.	2.E+05	0.	0.	0.	0.	0.	0.	0.	1.E-03	0.	0.	0.
CO3	4.E+05	0.	1.E+05	0.	0.	0.	0.	0.	0.	0.	2.E-02	0.	1.E-19	0.
Ca	4.E-03	0.	7.E-04	0.	2.E+03	0.	1.E+04	0.	0.	0.	1.E+04	0.	1.E-17	0.
Ce	6.E+01	0.	1.E+02	0.	0.	0.	0.	0.	0.	0.	1.E-07	0.	0.	0.
Cl	1.E-04	0.	2.E-04	0.	0.	0.	0.	0.	0.	0.	9.E-13	0.	0.	0.
Cr	8.E+04	0.	2.E+01	0.	1.E+06	0.	1.E+06	0.	1.E+06	0.	7.E+05	0.	1.E+06	0.
EDTA	5.E+02	0.	2.E+04	0.	0.	0.	0.	0.	0.	0.	3.E-05	0.	0.	0.
F	4.E+04	0.	5.E+04	0.	0.	0.	0.	0.	0.	0.	1.E-04	0.	5.E-13	0.
Fe	7.E+04	0.	4.E+04	0.	8.E+04	0.	1.E+05	0.	8.E+04	0.	7.E+04	0.	1.E+05	0.
Fe(CN)6	1.E+02	0.	6.E+02	0.	0.	0.	0.	0.	0.	0.	1.E-10	0.	0.	0.
HEDTA	1.E+03	0.	4.E+04	0.	0.	0.	0.	0.	0.	0.	3.E-05	0.	0.	0.
K	9.E+04	0.	1.E+04	0.	0.	0.	0.	0.	0.	0.	2.E-05	0.	0.	0.
La	0.	0.	5.E-15	0.	0.	0.	0.	0.	0.	0.	3.E-21	0.	0.	0.
Mn	2.E+03	0.	4.E+03	0.	0.	0.	0.	0.	0.	0.	8.E-06	0.	0.	0.
NO2	7.E+05	0.	1.E+06	0.	6.E-05	0.	4.E-06	0.	0.	0.	2.E-03	0.	2.E-12	0.
NO3	1.E+07	0.	4.E+06	0.	1.E+07	0.	3.E+07	0.	3.E+07	0.	5.E+07	0.	3.E+07	0.
Na	1.E+07	0.	1.E+06	0.	2.E+07	0.	3.E+07	0.	3.E+07	0.	5.E+07	0.	3.E+07	0.
Ni	1.E+03	0.	2.E+03	0.	0.	0.	0.	0.	0.	0.	7.E+01	0.	0.	0.
OH	1.E+06	0.	2.E+04	0.	2.E+07	0.	8.E+06	0.	1.E+07	0.	2.E+06	0.	1.E+07	0.
PO4	5.E+04	0.	2.E+04	0.	0.	0.	0.	0.	0.	0.	2.E-04	0.	1.E-20	0.
Pb	2.E+03	0.	7.E+02	0.	3.E-10	0.	4.E-10	0.	6.E-11	0.	1.E-09	0.	4.E-10	0.
SiO3	4.E+04	0.	6.E+03	0.	8.E-06	0.	6.E-05	0.	0.	0.	6.E-05	0.	1.E-13	0.
SO4	1.E+05	0.	4.E+04	0.	5.E+01	0.	4.E+01	0.	4.E+01	0.	1.E+02	0.	7.E+01	0.
Sr	3.E+01	0.	6.E+00	0.	0.	0.	0.	0.	0.	0.	1.E-08	0.	0.	0.
ZrO	3.E+01	0.	2.E+00	0.	1.E+02	0.	1.E+02	0.	5.E+01	0.	9.E+01	0.	1.E+02	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK SX-112		TANK SX-113		TANK SX-114		TANK SX-115		TANK SY-101		TANK SY-102		TANK SY-103	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	2.E-15	3.E-08	4.E-15	5.E-08	4.E-15	5.E-08	2.E-15	2.E-08	3.E-15	4.E-08	3.E-15	4.E-08	5.E-15	6.E-08
Ac227	3.E-10	6.E-06	2.E-09	3.E-05	5.E-10	8.E-06	4.E-09	6.E-05	5.E-09	8.E-05	5.E-09	9.E-05	9.E-09	2.E-04
Am241	4.E-01	3.E+02	5.E-02	4.E+01	9.E-01	8.E+02	2.E-01	2.E+02	5.E-01	4.E+02	5.E-01	4.E+02	9.E-01	8.E+02
Am242	2.E-09	4.E-01	1.E-10	2.E-02	5.E-09	9.E-01	1.E-09	2.E-01	3.E-09	6.E-01	3.E-09	6.E-01	6.E-09	1.E+00
Am242m	2.E-04	4.E-01	9.E-06	2.E-02	4.E-04	9.E-01	9.E-05	2.E-01	2.E-04	6.E-01	3.E-04	6.E-01	5.E-04	1.E+00
Am243	2.E-03	1.E-01	1.E-04	7.E-03	5.E-03	3.E-01	1.E-03	6.E-02	5.E-03	2.E-01	5.E-03	2.E-01	9.E-03	4.E-01
At217	8.E-23	3.E-08	1.E-22	5.E-08	1.E-22	5.E-08	7.E-23	2.E-08	1.E-22	3.E-08	1.E-22	4.E-08	2.E-22	6.E-08
Ba137m	4.E-08	3.E+03	7.E-06	5.E+05	7.E-21	5.E-10	1.E-05	1.E+06	4.E-06	3.E+05	4.E-06	3.E+05	6.E-06	5.E+05
Bi210	4.E-18	1.E-10	2.E-19	5.E-12	2.E-18	4.E-11	4.E-19	1.E-11	4.E-19	1.E-11	8.E-19	2.E-11	6.E-19	2.E-11
Bi211	6.E-17	6.E-06	3.E-16	3.E-05	9.E-17	8.E-06	7.E-16	6.E-05	9.E-16	8.E-05	1.E-15	9.E-05	2.E-15	2.E-04
Bi213	7.E-18	3.E-08	1.E-17	5.E-08	1.E-17	5.E-08	6.E-18	3.E-08	9.E-18	4.E-08	9.E-18	4.E-08	2.E-17	6.E-08
Bi214	6.E-20	6.E-10	3.E-21	3.E-11	3.E-20	3.E-10	7.E-21	7.E-11	1.E-20	1.E-10	1.E-20	1.E-10	2.E-20	2.E-10
C14	6.E-03	4.E-01	1.E+00	7.E+01	9.E-16	6.E-14	2.E+00	1.E+02	4.E-01	3.E+01	3.E-01	2.E+01	6.E-01	4.E+01
Cm242	4.E-07	3.E-01	2.E-08	2.E-02	9.E-07	8.E-01	2.E-07	2.E-01	6.E-07	5.E-01	6.E-07	5.E-01	1.E-06	9.E-01
Cm244	2.E-08	4.E-04	9.E-07	2.E-02	2.E-21	5.E-17	6.E-06	1.E-01	5.E-05	9.E-01	5.E-05	1.E+00	1.E-04	2.E+00
Cm245	2.E-10	9.E-09	9.E-09	4.E-07	1.E-23	6.E-22	6.E-08	3.E-06	9.E-07	4.E-05	1.E-06	4.E-05	2.E-06	8.E-05
Cs135	7.E-02	1.E-02	1.E+01	2.E+00	7.E-15	1.E-15	2.E+01	4.E+00	8.E+00	1.E+00	7.E+00	1.E+00	1.E+01	2.E+00
Cs137	3.E-01	4.E+03	4.E+01	5.E+05	5.E-14	6.E-10	9.E+01	1.E+06	2.E+01	3.E+05	2.E+01	3.E+05	4.E+01	5.E+05
Fr221	7.E-19	3.E-08	1.E-18	5.E-08	1.E-18	5.E-08	6.E-19	2.E-08	9.E-19	4.E-08	9.E-19	4.E-08	2.E-18	6.E-08
Fr223	9.E-18	8.E-08	5.E-17	4.E-07	1.E-17	1.E-07	1.E-16	9.E-07	1.E-16	1.E-06	1.E-16	1.E-06	3.E-16	2.E-06
I129	5.E-02	1.E-03	8.E+00	2.E-01	7.E-15	2.E-16	2.E+01	4.E-01	1.E+01	3.E-01	2.E+01	4.E-01	3.E+01	7.E-01
Nb93m	1.E-03	3.E+01	4.E-04	1.E+01	2.E-03	6.E+01	9.E-04	2.E+01	6.E-04	2.E+01	6.E-04	2.E+01	1.E-03	3.E+01
Ni63	5.E-02	2.E+02	3.E-01	1.E+03	3.E+00	1.E+04	8.E-01	3.E+03	3.E-02	1.E+02	4.E-01	2.E+03	3.E-05	1.E-01
Np237	1.E-02	2.E-03	3.E+00	5.E-01	2.E-02	3.E-03	1.E+00	2.E-01	3.E+00	4.E-01	3.E+00	5.E-01	5.E+00	8.E-01
Np239	2.E-09	1.E-01	1.E-10	7.E-03	4.E-09	2.E-01	1.E-09	6.E-02	4.E-09	2.E-01	4.E-09	2.E-01	7.E-09	4.E-01
Pa231	2.E-06	2.E-05	5.E-06	6.E-05	4.E-06	4.E-05	1.E-05	1.E-04	1.E-05	2.E-04	2.E-05	2.E-04	3.E-05	3.E-04
Pa233	4.E-10	2.E-03	1.E-07	5.E-01	6.E-10	3.E-03	5.E-08	3.E-01	9.E-08	4.E-01	9.E-08	5.E-01	2.E-07	8.E-01
Pa234m	8.E-12	1.E+00	2.E-12	4.E-01	2.E-11	3.E+00	4.E-12	7.E-01	3.E-24	5.E-13	2.E-23	3.E-12	6.E-24	9.E-13
Pb209	3.E-17	3.E-08	5.E-17	5.E-08	5.E-17	5.E-08	3.E-17	2.E-08	4.E-17	4.E-08	4.E-17	4.E-08	7.E-17	6.E-08
Pb210	6.E-15	9.E-11	3.E-16	4.E-12	3.E-15	4.E-11	6.E-16	1.E-11	6.E-16	9.E-12	1.E-15	2.E-11	9.E-16	1.E-11
Pb211	1.E-15	6.E-06	6.E-15	3.E-05	2.E-15	8.E-06	1.E-14	6.E-05	2.E-14	8.E-05	2.E-14	9.E-05	3.E-14	2.E-04
Pb214	9.E-20	6.E-10	4.E-21	3.E-11	4.E-20	3.E-10	9.E-21	7.E-11	1.E-20	1.E-10	1.E-20	1.E-10	3.E-20	2.E-10
Pd107	3.E-02	2.E-03	5.E+00	3.E-01	4.E-15	2.E-16	1.E+01	6.E-01	1.E+01	6.E-01	1.E+01	7.E-01	2.E+01	1.E+00
Po210	9.E-17	9.E-11	4.E-18	4.E-12	4.E-17	4.E-11	1.E-17	9.E-12	8.E-18	8.E-12	2.E-17	2.E-11	1.E-17	1.E-11
Po213	1.E-26	3.E-08	2.E-26	5.E-08	2.E-26	5.E-08	9.E-27	2.E-08	1.E-26	3.E-08	1.E-26	4.E-08	2.E-26	6.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-112 MOLES	TANK SX-112 CURIES	TANK SX-113 MOLES	TANK SX-113 CURIES	TANK SX-114 MOLES	TANK SX-114 CURIES	TANK SX-115 MOLES	TANK SX-115 CURIES	TANK SY-101 MOLES	TANK SY-101 CURIES	TANK SY-102 MOLES	TANK SY-102 CURIES	TANK SY-103 MOLES	TANK SY-103 CURIES
Po214	1.E-26	7.E-10	5.E-28	4.E-11	5.E-27	4.E-10	1.E-27	8.E-11	2.E-27	1.E-10	2.E-27	1.E-10	3.E-27	2.E-10
Po215	9.E-22	6.E-06	5.E-21	3.E-05	1.E-21	8.E-06	1.E-20	6.E-05	1.E-20	8.E-05	1.E-20	9.E-05	2.E-20	2.E-04
Po218	1.E-20	6.E-10	5.E-22	3.E-11	5.E-21	3.E-10	1.E-21	7.E-11	2.E-21	1.E-10	2.E-21	1.E-10	3.E-21	2.E-10
Pu238	5.E-03	2.E+01	2.E-04	9.E-01	3.E-03	1.E+01	7.E-04	3.E+00	2.E-06	9.E-03	5.E-06	2.E-02	4.E-06	1.E-02
Pu239	1.E+01	2.E+02	4.E+00	6.E+01	3.E+01	4.E+02	8.E+00	1.E+02	1.E-05	2.E-04	2.E-05	3.E-04	2.E-05	3.E-04
Pu240	8.E-01	4.E+01	2.E-01	1.E+01	2.E+00	1.E+02	5.E-01	3.E+01	4.E-06	2.E-04	1.E-05	8.E-04	9.E-06	5.E-04
Pu241	2.E-02	6.E+02	5.E-03	1.E+02	6.E-02	1.E+03	1.E-02	3.E+02	4.E-08	1.E-03	9.E-08	2.E-03	9.E-08	2.E-03
Ra223	5.E-13	6.E-06	3.E-12	3.E-05	7.E-13	8.E-06	5.E-12	6.E-05	7.E-12	8.E-05	8.E-12	9.E-05	1.E-11	2.E-04
Ra225	3.E-15	3.E-08	6.E-15	5.E-08	6.E-15	5.E-08	3.E-15	3.E-08	4.E-15	4.E-08	4.E-15	4.E-08	7.E-15	6.E-08
Ra226	3.E-12	6.E-10	1.E-13	3.E-11	1.E-12	3.E-10	3.E-13	7.E-11	5.E-13	1.E-10	5.E-13	1.E-10	8.E-13	2.E-10
Ru106	4.E-05	1.E+01	7.E-07	2.E-01	3.E-04	1.E+02	5.E-06	2.E+00	5.E-07	2.E-01	1.E-07	4.E-02	2.E-07	7.E-02
Sb126	9.E-07	9.E+00	2.E-07	2.E+00	2.E-06	2.E+01	6.E-07	6.E+00	9.E-07	9.E+00	9.E-07	9.E+00	2.E-06	2.E+01
Sb126m	1.E-09	9.E+00	2.E-10	2.E+00	2.E-09	2.E+01	6.E-10	6.E+00	9.E-10	9.E+00	9.E-10	9.E+00	2.E-09	2.E+01
Se79	4.E-03	2.E-02	6.E-01	3.E+00	4.E-16	2.E-15	1.E+00	7.E+00	1.E+00	6.E+00	1.E+00	7.E+00	2.E+00	1.E+01
Sm151	3.E+00	1.E+04	8.E-01	3.E+03	7.E+00	3.E+04	2.E+00	7.E+03	3.E+00	1.E+04	3.E+00	1.E+04	5.E+00	2.E+04
Sn126	3.E+00	9.E+00	7.E-01	2.E+00	6.E+00	2.E+01	2.E+00	6.E+00	3.E+00	9.E+00	3.E+00	9.E+00	5.E+00	2.E+01
Sr90	1.E+02	1.E+06	3.E+01	4.E+05	1.E+02	1.E+06	8.E+01	9.E+05	2.E+01	3.E+05	2.E+01	2.E+05	3.E+01	3.E+05
Tc99	4.E-01	7.E-01	7.E+01	1.E+02	6.E-14	1.E-13	1.E+02	2.E+02	1.E+02	2.E+02	1.E+02	2.E+02	3.E+02	4.E+02
Th227	8.E-13	5.E-06	4.E-12	3.E-05	1.E-12	8.E-06	8.E-12	6.E-05	1.E-11	7.E-05	1.E-11	8.E-05	2.E-11	2.E-04
Th229	6.E-10	3.E-08	1.E-09	5.E-08	1.E-09	5.E-08	5.E-10	3.E-08	7.E-10	3.E-08	7.E-10	4.E-08	1.E-09	6.E-08
Th230	4.E-08	2.E-07	2.E-09	9.E-09	2.E-08	1.E-07	5.E-09	2.E-08	3.E-09	2.E-08	3.E-09	2.E-08	6.E-09	3.E-08
Th231	5.E-10	6.E-02	1.E-10	2.E-02	1.E-09	1.E-01	3.E-10	3.E-02	7.E-22	9.E-14	9.E-21	1.E-12	1.E-21	2.E-13
Th234	2.E-07	1.E+00	7.E-08	4.E-01	5.E-07	3.E+00	1.E-07	7.E-01	8.E-20	5.E-13	6.E-19	3.E-12	2.E-19	9.E-13
Tl207	1.E-16	6.E-06	8.E-16	3.E-05	2.E-16	8.E-06	2.E-15	6.E-05	2.E-15	8.E-05	2.E-15	9.E-05	4.E-15	2.E-04
U233	6.E-06	1.E-05	2.E-05	5.E-05	1.E-05	3.E-05	1.E-05	2.E-05	6.E-07	1.E-06	6.E-06	1.E-05	8.E-07	2.E-06
U234	1.E-03	2.E-03	6.E-05	9.E-05	7.E-04	1.E-03	2.E-04	2.E-04	1.E-08	2.E-08	1.E-07	1.E-07	1.E-08	2.E-08
U235	1.E+02	6.E-02	3.E+01	2.E-02	3.E+02	1.E-01	7.E+01	3.E-02	2.E-10	9.E-14	2.E-09	1.E-12	3.E-10	2.E-13
U238	2.E+04	1.E+00	5.E+03	4.E-01	3.E+04	3.E+00	9.E+03	7.E-01	6.E-11	5.E-15	3.E-08	3.E-12	2.E-12	2.E-16
Y90	3.E-02	2.E+06	8.E-03	4.E+05	3.E-02	1.E+06	2.E-02	1.E+06	5.E-03	3.E+05	4.E-03	2.E+05	7.E-03	4.E+05
Zr93	2.E+02	5.E+01	6.E+01	1.E+01	6.E+02	1.E+02	1.E+02	3.E+01	0.	0.	0.	0.	0.	0.
Ag	6.E-08	0.	1.E-05	0.	6.E-21	0.	2.E-05	0.	6.E-06	0.	6.E-06	0.	1.E-05	0.
Al	3.E+06	0.	2.E+06	0.	9.E+05	0.	4.E+06	0.	2.E+06	0.	2.E+06	0.	3.E+06	0.
Ba	3.E+01	0.	3.E+01	0.	8.E+01	0.	6.E+01	0.	5.E-01	0.	6.E+00	0.	5.E-01	0.
Bi	6.E-13	0.	7.E-13	0.	1.E-12	0.	4.E-13	0.	6.E-14	0.	5.E-13	0.	7.E-14	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	1.E+04	0.	2.E+04	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-112 MOLES	TANK SX-112 CURIES	TANK SX-113 MOLES	TANK SX-113 CURIES	TANK SX-114 MOLES	TANK SX-114 CURIES	TANK SX-115 MOLES	TANK SX-115 CURIES	TANK SY-101 MOLES	TANK SY-101 CURIES	TANK SY-102 MOLES	TANK SY-102 CURIES	TANK SY-103 MOLES	TANK SY-103 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	1.E+05	0.	2.E+05	0.	3.E+05	0.
CO3	0.	0.	0.	0.	4.E-28	0.	0.	0.	1.E+05	0.	1.E+05	0.	2.E+05	0.
Ca	0.	0.	0.	0.	0.	0.	0.	0.	6.E-04	0.	3.E-03	0.	1.E-03	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	9.E+01	0.	1.E+02	0.	2.E+02	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	2.E-04	0.	2.E-04	0.	4.E-04	0.
Cr	9.E+05	0.	2.E+05	0.	1.E+06	0.	4.E+05	0.	2.E+01	0.	2.E+01	0.	4.E+01	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	2.E+04	0.	2.E+04	0.	4.E+04	0.
F	0.	0.	0.	0.	2.E-21	0.	0.	0.	5.E+04	0.	5.E+04	0.	9.E+04	0.
Fe	7.E+04	0.	1.E+04	0.	1.E+05	0.	2.E+04	0.	3.E+04	0.	4.E+04	0.	7.E+04	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	3.E-03	0.	2.E+01	0.	6.E-03	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	3.E+04	0.	4.E+04	0.	7.E+04	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	1.E+04	0.	2.E+04	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	4.E-15	0.	5.E-15	0.	9.E-15	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	4.E+03	0.	4.E+03	0.	7.E+03	0.
NO2	0.	0.	0.	0.	1.E-20	0.	0.	0.	1.E+06	0.	1.E+06	0.	2.E+06	0.
NO3	8.E+06	0.	3.E+07	0.	4.E+07	0.	4.E+07	0.	6.E+06	0.	1.E+07	0.	7.E+06	0.
Na	8.E+06	0.	2.E+07	0.	4.E+07	0.	3.E+07	0.	3.E+06	0.	9.E+06	0.	2.E+06	0.
Ni	0.	0.	0.	0.	0.	0.	0.	0.	2.E-01	0.	4.E+03	0.	5.E-01	0.
OH	1.E+07	0.	3.E+08	0.	8.E+06	0.	5.E+06	0.	8.E+02	0.	3.E+04	0.	4.E+02	0.
PO4	0.	0.	0.	0.	5.E-29	0.	0.	0.	2.E+04	0.	7.E+04	0.	3.E+04	0.
Pb	8.E-11	0.	8.E-10	0.	7.E-10	0.	1.E-09	0.	2.E-03	0.	2.E-02	0.	5.E-03	0.
SiO3	0.	0.	5.E+05	0.	2.E-22	0.	0.	0.	6.E+03	0.	5.E+03	0.	1.E+04	0.
SO4	6.E+02	0.	8.E+04	0.	8.E+01	0.	9.E+04	0.	6.E+04	0.	4.E+04	0.	7.E+04	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	6.E+00	0.	6.E+00	0.	1.E+01	0.
ZrO	9.E+01	0.	2.E+01	0.	1.E+02	0.	5.E+01	0.	7.E-01	0.	3.E+00	0.	3.E-01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK T-101 MOLES	TANK T-101 CURIES	TANK T-102 MOLES	TANK T-102 CURIES	TANK T-103 MOLES	TANK T-103 CURIES	TANK T-104 MOLES	TANK T-104 CURIES	TANK T-105 MOLES	TANK T-105 CURIES	TANK T-106 MOLES	TANK T-106 CURIES	TANK T-107 MOLES	TANK T-107 CURIES
Ac225	3.E-16	4.E-09	4.E-18	5.E-11	2.E-16	2.E-09	2.E-16	2.E-09	2.E-16	3.E-09	8.E-16	1.E-08	3.E-16	3.E-09
Ac227	1.E-09	2.E-05	2.E-11	4.E-07	1.E-10	2.E-06	5.E-10	9.E-06	1.E-09	2.E-05	2.E-10	3.E-06	2.E-10	3.E-06
Am241	1.E-01	9.E+01	2.E-03	2.E+00	1.E-02	9.E+00	3.E-02	2.E+01	3.E-02	2.E+01	3.E-03	2.E+00	2.E-03	2.E+00
Am242	8.E-10	2.E-01	1.E-11	3.E-03	8.E-11	2.E-02	3.E-12	5.E-04	4.E-11	8.E-03	5.E-12	9.E-04	1.E-13	2.E-05
Am242m	7.E-05	2.E-01	1.E-06	3.E-03	7.E-06	2.E-02	2.E-07	5.E-04	4.E-06	8.E-03	4.E-07	9.E-04	9.E-09	2.E-05
Am243	2.E-03	9.E-02	3.E-05	1.E-03	2.E-04	8.E-03	5.E-05	2.E-03	4.E-05	2.E-03	4.E-06	2.E-04	1.E-06	5.E-05
At217	1.E-23	4.E-09	2.E-25	5.E-11	7.E-24	2.E-09	6.E-24	2.E-09	7.E-24	2.E-09	3.E-23	1.E-08	1.E-23	3.E-09
Ba137m	4.E-07	3.E+04	7.E-09	5.E+02	3.E-08	2.E+03	2.E-07	1.E+04	1.E-23	9.E-13	1.E-08	7.E+02	1.E-23	9.E-13
Bi210	2.E-19	4.E-12	3.E-21	7.E-14	3.E-20	7.E-13	9.E-19	2.E-11	6.E-18	2.E-10	7.E-19	2.E-11	7.E-19	2.E-11
Bi211	3.E-16	2.E-05	4.E-18	4.E-07	2.E-17	2.E-06	1.E-16	9.E-06	2.E-16	2.E-05	3.E-17	3.E-06	4.E-17	3.E-06
Bi213	9.E-19	4.E-09	1.E-20	5.E-11	6.E-19	2.E-09	5.E-19	2.E-09	6.E-19	3.E-09	3.E-18	1.E-08	8.E-19	3.E-09
Bi214	2.E-21	2.E-11	3.E-23	3.E-13	4.E-22	4.E-12	1.E-20	1.E-10	1.E-19	1.E-09	1.E-20	1.E-10	7.E-21	7.E-11
C14	1.E+00	7.E+01	2.E-02	1.E+00	1.E-01	7.E+00	3.E-03	2.E-01	3.E-18	2.E-16	2.E-03	1.E-01	5.E-05	3.E-03
Cm242	2.E-07	1.E-01	3.E-09	2.E-03	2.E-08	1.E-02	6.E-10	4.E-04	9.E-09	7.E-03	1.E-09	8.E-04	2.E-11	2.E-05
Cm244	3.E-05	6.E-01	5.E-07	1.E-02	3.E-06	6.E-02	9.E-08	2.E-03	9.E-24	2.E-19	4.E-09	8.E-05	4.E-24	9.E-20
Cm245	7.E-07	3.E-05	1.E-08	5.E-07	6.E-08	3.E-06	1.E-09	6.E-08	4.E-26	2.E-24	5.E-11	2.E-09	2.E-26	1.E-24
Cs135	9.E-01	1.E-01	1.E-02	2.E-03	4.E-02	7.E-03	6.E-01	9.E-02	5.E-17	7.E-18	3.E-02	4.E-03	2.E-17	4.E-18
Cs137	3.E+00	3.E+04	5.E-02	5.E+02	2.E-01	3.E+03	1.E+00	1.E+04	8.E-17	1.E-12	6.E-02	8.E+02	8.E-17	1.E-12
Fr221	9.E-20	4.E-09	1.E-21	5.E-11	6.E-20	2.E-09	5.E-20	2.E-09	6.E-20	3.E-09	3.E-19	1.E-08	9.E-20	3.E-09
Fr223	4.E-17	3.E-07	6.E-19	5.E-09	3.E-18	2.E-08	1.E-17	1.E-07	3.E-17	3.E-07	5.E-18	4.E-08	5.E-18	4.E-08
I129	5.E+00	1.E-01	9.E-02	2.E-03	5.E-01	1.E-02	2.E-01	5.E-03	2.E-17	5.E-19	1.E-02	3.E-04	1.E-17	3.E-19
Nb93m	6.E-05	2.E+00	1.E-06	3.E-02	6.E-06	2.E-01	7.E-05	2.E+00	3.E-05	8.E-01	3.E-06	7.E-02	6.E-05	2.E+00
Ni63	2.E-01	8.E+02	6.E-03	2.E+01	1.E-01	5.E+02	9.E-04	3.E+00	7.E-19	3.E-15	5.E-04	2.E+00	4.E-19	1.E-15
Np237	5.E-01	8.E-02	8.E-03	1.E-03	4.E-02	6.E-03	8.E-02	1.E-02	7.E-04	1.E-04	4.E-03	7.E-04	1.E-04	2.E-05
Np239	1.E-09	8.E-02	3.E-11	1.E-03	1.E-10	8.E-03	4.E-11	2.E-03	3.E-11	2.E-03	3.E-12	2.E-04	9.E-13	5.E-05
Pa231	5.E-06	5.E-05	8.E-08	9.E-07	4.E-07	4.E-06	2.E-06	3.E-05	5.E-06	6.E-05	1.E-06	1.E-05	8.E-07	9.E-06
Pa233	2.E-08	8.E-02	3.E-10	1.E-03	1.E-09	6.E-03	3.E-09	1.E-02	3.E-11	1.E-04	1.E-10	7.E-04	3.E-12	2.E-05
Pa234m	3.E-13	5.E-02	3.E-14	5.E-03	1.E-13	2.E-02	6.E-12	9.E-01	1.E-11	2.E+00	8.E-12	1.E+00	2.E-12	3.E-01
Pb209	4.E-18	4.E-09	6.E-20	5.E-11	2.E-18	2.E-09	2.E-18	2.E-09	3.E-18	3.E-09	1.E-17	1.E-08	4.E-18	3.E-09
Pb210	2.E-16	4.E-12	4.E-18	6.E-14	4.E-17	7.E-13	1.E-15	2.E-11	1.E-14	2.E-10	1.E-15	2.E-11	1.E-15	2.E-11
Pb211	4.E-15	2.E-05	7.E-17	4.E-07	3.E-16	2.E-06	2.E-15	9.E-06	3.E-15	2.E-05	5.E-16	3.E-06	6.E-16	3.E-06
Pb214	2.E-21	2.E-11	4.E-23	3.E-13	6.E-22	4.E-12	2.E-20	1.E-10	1.E-19	1.E-09	2.E-20	1.E-10	1.E-20	7.E-11
Pd107	4.E+00	2.E-01	6.E-02	4.E-03	4.E-01	2.E-02	1.E-01	8.E-03	1.E-17	7.E-19	7.E-03	4.E-04	6.E-18	3.E-19
Po210	4.E-18	4.E-12	7.E-20	6.E-14	7.E-19	6.E-13	2.E-17	2.E-11	2.E-16	2.E-10	2.E-17	2.E-11	2.E-17	2.E-11
Po213	1.E-27	3.E-09	2.E-29	5.E-11	8.E-28	2.E-09	8.E-28	2.E-09	9.E-28	2.E-09	4.E-27	1.E-08	1.E-27	3.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-101 MOLES	TANK T-101 CURIES	TANK T-102 MOLES	TANK T-102 CURIES	TANK T-103 MOLES	TANK T-103 CURIES	TANK T-104 MOLES	TANK T-104 CURIES	TANK T-105 MOLES	TANK T-105 CURIES	TANK T-106 MOLES	TANK T-106 CURIES	TANK T-107 MOLES	TANK T-107 CURIES
Po214	3.E-28	2.E-11	5.E-30	3.E-13	7.E-29	5.E-12	2.E-27	2.E-10	2.E-26	1.E-09	2.E-27	2.E-10	1.E-27	8.E-11
Po215	3.E-21	2.E-05	6.E-23	4.E-07	3.E-22	2.E-06	1.E-21	9.E-06	3.E-21	2.E-05	5.E-22	3.E-06	5.E-22	3.E-06
Po218	3.E-22	2.E-11	5.E-24	3.E-13	6.E-23	4.E-12	2.E-21	1.E-10	2.E-20	1.E-09	2.E-21	1.E-10	1.E-21	7.E-11
Pu238	5.E-06	2.E-02	7.E-08	3.E-04	2.E-05	9.E-02	5.E-04	2.E+00	6.E-03	2.E+01	7.E-04	3.E+00	2.E-05	9.E-02
Pu239	4.E-06	5.E-05	7.E-08	1.E-06	7.E-03	1.E-01	9.E+00	1.E+02	1.E+01	2.E+02	1.E+00	2.E+01	3.E+00	5.E+01
Pu240	1.E-05	8.E-04	4.E-07	2.E-05	3.E-04	2.E-02	4.E-01	2.E+01	5.E-01	3.E+01	6.E-02	3.E+00	6.E-02	4.E+00
Pu241	1.E-08	3.E-04	1.E-10	3.E-06	5.E-06	1.E-01	7.E-03	2.E+02	1.E-02	2.E+02	1.E-03	3.E+01	3.E-04	8.E+00
Ra223	2.E-12	2.E-05	3.E-14	4.E-07	1.E-13	2.E-06	8.E-13	9.E-06	2.E-12	2.E-05	2.E-13	3.E-06	3.E-13	3.E-06
Ra225	4.E-16	4.E-09	6.E-18	5.E-11	3.E-16	2.E-09	2.E-16	2.E-09	3.E-16	3.E-09	1.E-15	1.E-08	4.E-16	3.E-09
Ra226	7.E-14	2.E-11	1.E-15	3.E-13	2.E-14	4.E-12	6.E-13	1.E-10	4.E-12	1.E-09	6.E-13	1.E-10	3.E-13	7.E-11
Ru106	4.E-08	1.E-02	7.E-10	2.E-04	4.E-09	1.E-03	4.E-09	1.E-03	6.E-09	2.E-03	4.E-11	2.E-05	2.E-11	6.E-06
Sb126	4.E-15	4.E-08	3.E-16	3.E-09	2.E-10	2.E-03	4.E-08	4.E-01	2.E-08	2.E-01	2.E-09	2.E-02	3.E-08	3.E-01
Sb126m	4.E-18	4.E-08	3.E-19	3.E-09	2.E-13	2.E-03	4.E-11	4.E-01	2.E-11	2.E-01	2.E-12	2.E-02	3.E-11	3.E-01
Se79	4.E-01	2.E+00	7.E-03	4.E-02	4.E-02	2.E-01	2.E-02	9.E-02	1.E-18	8.E-18	9.E-04	5.E-03	8.E-19	4.E-18
Sm151	5.E-08	2.E-04	6.E-10	3.E-06	1.E-03	4.E+00	2.E-01	6.E+02	9.E-02	3.E+02	1.E-02	4.E+01	2.E-01	1.E+03
Sn126	1.E-08	4.E-08	9.E-10	3.E-09	5.E-04	2.E-03	1.E-01	4.E-01	5.E-02	2.E-01	6.E-03	2.E-02	9.E-02	3.E-01
Sr90	3.E-01	3.E+03	4.E-03	5.E+01	2.E+00	3.E+04	4.E+00	5.E+04	5.E-01	6.E+03	2.E-02	3.E+02	4.E+00	4.E+04
Tc99	4.E+01	8.E+01	8.E-01	1.E+00	4.E+00	7.E+00	2.E+00	3.E+00	2.E-16	3.E-16	1.E-01	2.E-01	1.E-16	2.E-16
Th227	3.E-12	2.E-05	5.E-14	4.E-07	2.E-13	2.E-06	1.E-12	9.E-06	2.E-12	2.E-05	4.E-13	3.E-06	4.E-13	3.E-06
Th229	7.E-11	4.E-09	1.E-12	5.E-11	5.E-11	2.E-09	4.E-11	2.E-09	5.E-11	3.E-09	2.E-10	1.E-08	7.E-11	3.E-09
Th230	4.E-11	2.E-10	3.E-12	1.E-11	2.E-10	9.E-10	7.E-09	3.E-08	6.E-08	3.E-07	9.E-09	4.E-08	2.E-09	1.E-08
Th231	2.E-11	2.E-03	2.E-12	2.E-04	7.E-12	8.E-04	3.E-10	4.E-02	8.E-10	1.E-01	4.E-10	5.E-02	1.E-10	1.E-02
Th234	9.E-09	5.E-02	1.E-09	5.E-03	3.E-09	2.E-02	2.E-07	9.E-01	4.E-07	2.E+00	2.E-07	1.E+00	6.E-08	3.E-01
Tl207	6.E-16	2.E-05	1.E-17	4.E-07	4.E-17	2.E-06	2.E-16	9.E-06	4.E-16	2.E-05	7.E-17	3.E-06	8.E-17	3.E-06
U233	2.E-06	5.E-06	5.E-08	1.E-07	1.E-06	3.E-06	7.E-07	2.E-06	6.E-07	1.E-06	3.E-06	6.E-06	6.E-07	1.E-06
U234	2.E-06	3.E-06	2.E-07	3.E-07	5.E-06	8.E-06	2.E-04	2.E-04	1.E-03	2.E-03	2.E-04	3.E-04	3.E-05	4.E-05
U235	4.E+00	2.E-03	5.E-01	2.E-04	2.E+00	8.E-04	8.E+01	4.E-02	2.E+02	1.E-01	1.E+02	5.E-02	3.E+01	1.E-02
U238	6.E+02	5.E-02	7.E+01	5.E-03	2.E+02	2.E-02	1.E+04	9.E-01	3.E+04	2.E+00	2.E+04	1.E+00	4.E+03	3.E-01
Y90	7.E-05	3.E+03	1.E-06	5.E+01	5.E-04	3.E+04	1.E-03	5.E+04	1.E-04	6.E+03	6.E-06	3.E+02	9.E-04	4.E+04
Zr93	1.E-06	3.E-07	6.E-08	1.E-08	5.E-02	1.E-02	1.E+01	2.E+00	5.E+00	1.E+00	5.E-01	1.E-01	9.E+00	2.E+00
Ag	6.E-06	0.	1.E-07	0.	6.E-07	0.	4.E-07	0.	2.E-23	0.	2.E-08	0.	2.E-23	0.
Al	2.E+05	0.	5.E+03	0.	1.E+06	0.	4.E+05	0.	2.E+05	0.	5.E+04	0.	8.E+02	0.
Ba	3.E+00	0.	2.E-02	0.	7.E-01	0.	1.E+00	0.	1.E+00	0.	4.E+00	0.	3.E+00	0.
Bi	7.E-14	0.	8.E-16	0.	3.E-14	0.	2.E+05	0.	2.E+06	0.	3.E+05	0.	7.E+04	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-101 MOLES	TANK T-101 CURIES	TANK T-102 MOLES	TANK T-102 CURIES	TANK T-103 MOLES	TANK T-103 CURIES	TANK T-104 MOLES	TANK T-104 CURIES	TANK T-105 MOLES	TANK T-105 CURIES	TANK T-106 MOLES	TANK T-106 CURIES	TANK T-107 MOLES	TANK T-107 CURIES
C6H5O7	4.E+04	0.	7.E+02	0.	4.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	2.E+05	0.	4.E+03	0.	4.E+03	0.	0.	0.	6.E-12	0.	4.E-12	0.	6.E+03	0.
Ca	5.E-03	0.	2.E-05	0.	1.E-04	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	3.E+01	0.	5.E-01	0.	1.E-02	0.	4.E+02	0.	4.E-16	0.	2.E+00	0.	2.E-16	0.
Cl	7.E-05	0.	1.E-06	0.	3.E-07	0.	0.	0.	3.E-21	0.	0.	0.	3.E-21	0.
Cr	3.E-13	0.	8.E-14	0.	1.E-14	0.	2.E+04	0.	7.E+03	0.	7.E+02	0.	1.E+04	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	2.E+05	0.	3.E+03	0.	6.E+02	0.	4.E+05	0.	1.E-11	0.	9.E+05	0.	1.E-11	0.
Fe	6.E+03	0.	1.E+02	0.	6.E+02	0.	3.E+05	0.	1.E+05	0.	1.E+04	0.	2.E+05	0.
Fe(CN)6	9.E+01	0.	1.E+01	0.	1.E-01	0.	0.	0.	1.E-14	0.	0.	0.	1.E-14	0.
HEDTA	7.E+00	0.	1.E-01	0.	7.E-01	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	3.E+04	0.	5.E+02	0.	8.E+01	0.	0.	0.	2.E-13	0.	0.	0.	2.E-13	0.
La	7.E-13	0.	1.E-14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	2.E+02	0.	4.E+00	0.	2.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	1.E+05	0.	2.E+03	0.	1.E+04	0.	3.E+05	0.	3.E-12	0.	4.E+04	0.	2.E-13	0.
NO3	2.E+06	0.	4.E+04	0.	2.E+05	0.	4.E+06	0.	1.E-11	0.	2.E+06	0.	2.E-07	0.
Na	3.E+06	0.	5.E+04	0.	2.E+05	0.	5.E+06	0.	3.E-01	0.	7.E+06	0.	8.E+03	0.
Ni	2.E+03	0.	5.E+01	0.	3.E+02	0.	0.	0.	3.E-18	0.	0.	0.	3.E-18	0.
OH	5.E+04	0.	6.E+03	0.	3.E+06	0.	1.E+06	0.	9.E+05	0.	1.E+05	0.	6.E+05	0.
PO4	6.E+04	0.	1.E+03	0.	2.E+02	0.	7.E+05	0.	2.E+06	0.	2.E+06	0.	7.E+04	0.
Pb	9.E-03	0.	7.E-05	0.	4.E-04	0.	2.E-10	0.	3.E-10	0.	3.E-11	0.	7.E-11	0.
SiO3	1.E+04	0.	2.E+02	0.	9.E+02	0.	6.E+04	0.	5.E-14	0.	8.E+02	0.	3.E-14	0.
SO4	7.E+04	0.	1.E+03	0.	1.E+03	0.	1.E+05	0.	1.E+00	0.	4.E+02	0.	3.E+00	0.
Sr	1.E-02	0.	3.E-04	0.	1.E-03	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	5.E-01	0.	2.E-03	0.	1.E+00	0.	5.E+04	0.	5.E+03	0.	6.E+02	0.	2.E+04	0.

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK T-108 MOLES	TANK T-108 CURIES	TANK T-109 MOLES	TANK T-109 CURIES	TANK T-110 MOLES	TANK T-110 CURIES	TANK T-111 MOLES	TANK T-111 CURIES	TANK T-112 MOLES	TANK T-112 CURIES	TANK T-201 MOLES	TANK T-201 CURIES	TANK T-202 MOLES	TANK T-202 CURIES
Ac225	5.E-16	6.E-09	5.E-16	6.E-09	1.E-18	2.E-11	3.E-18	4.E-11	4.E-18	6.E-11	0.	0.	7.E-22	9.E-15
Ac227	8.E-11	1.E-06	5.E-10	8.E-06	2.E-10	3.E-06	4.E-10	6.E-06	1.E-09	2.E-05	0.	0.	4.E-17	6.E-13
Am241	2.E-04	2.E-01	3.E-05	2.E-02	9.E-03	7.E+00	2.E-02	2.E+01	4.E-02	3.E+01	0.	0.	6.E-05	5.E-02
Am242	1.E-14	2.E-06	1.E-15	3.E-07	4.E-14	8.E-06	1.E-11	2.E-03	2.E-12	3.E-04	0.	0.	0.	0.
Am242m	9.E-10	2.E-06	1.E-10	3.E-07	4.E-09	8.E-06	9.E-07	2.E-03	1.E-07	3.E-04	0.	0.	0.	0.
Am243	1.E-07	5.E-06	1.E-08	6.E-07	5.E-07	2.E-05	3.E-06	1.E-04	1.E-05	5.E-04	0.	0.	0.	0.
At217	2.E-23	6.E-09	2.E-23	6.E-09	5.E-26	2.E-11	1.E-25	4.E-11	2.E-25	6.E-11	0.	0.	2.E-29	8.E-15
Ba137m	2.E-08	1.E+03	8.E-08	6.E+03	4.E-18	3.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Bi210	2.E-19	4.E-12	7.E-20	2.E-12	4.E-19	1.E-11	6.E-19	1.E-11	4.E-18	9.E-11	0.	0.	8.E-22	2.E-14
Bi211	2.E-17	1.E-06	9.E-17	8.E-06	3.E-17	3.E-06	7.E-17	6.E-06	2.E-16	2.E-05	0.	0.	7.E-24	6.E-13
Bi213	2.E-18	6.E-09	1.E-18	6.E-09	4.E-21	2.E-11	1.E-20	4.E-11	1.E-20	6.E-11	0.	0.	2.E-24	9.E-15
Bi214	2.E-21	2.E-11	6.E-22	6.E-12	5.E-21	4.E-11	8.E-21	7.E-11	5.E-20	5.E-10	0.	0.	1.E-23	1.E-13
C14	2.E-03	1.E-01	2.E-03	1.E-01	3.E-14	2.E-12	0.	0.	6.E-39	4.E-37	0.	0.	0.	0.
Cm242	2.E-12	2.E-06	3.E-13	2.E-07	8.E-12	7.E-06	2.E-09	2.E-03	4.E-10	3.E-04	0.	0.	0.	0.
Cm244	7.E-09	1.E-04	1.E-09	2.E-05	4.E-20	8.E-16	0.	0.	7.E-38	1.E-33	0.	0.	0.	0.
Cm245	5.E-11	2.E-09	7.E-12	3.E-10	8.E-22	4.E-20	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	4.E-02	7.E-03	6.E-01	1.E-01	1.E-11	2.E-12	0.	0.	8.E-37	1.E-37	0.	0.	0.	0.
Cs137	1.E-01	2.E+03	6.E-01	7.E+03	2.E-11	3.E-07	0.	0.	1.E-35	1.E-31	0.	0.	0.	0.
Fr221	2.E-19	6.E-09	2.E-19	6.E-09	4.E-22	2.E-11	1.E-21	4.E-11	1.E-21	6.E-11	0.	0.	2.E-25	9.E-15
Fr223	2.E-18	2.E-08	1.E-17	1.E-07	4.E-18	4.E-08	1.E-17	9.E-08	3.E-17	3.E-07	0.	0.	1.E-24	9.E-15
I129	2.E-02	5.E-04	1.E-01	3.E-03	4.E-12	8.E-14	0.	0.	4.E-37	9.E-39	0.	0.	0.	0.
Nb93m	7.E-06	2.E-01	1.E-06	4.E-02	9.E-06	2.E-01	8.E-06	2.E-01	1.E-05	3.E-01	0.	0.	0.	0.
Ni63	8.E-04	3.E+00	6.E-03	2.E+01	1.E-14	5.E-11	2.E-04	8.E-01	2.E-03	9.E+00	0.	0.	0.	0.
Np237	1.E-02	2.E-03	4.E-02	7.E-03	3.E-04	5.E-05	5.E-04	9.E-05	1.E-03	2.E-04	0.	0.	2.E-06	3.E-07
Np239	9.E-14	5.E-06	1.E-14	6.E-07	4.E-13	2.E-05	2.E-12	1.E-04	8.E-12	5.E-04	0.	0.	0.	0.
Pa231	3.E-07	4.E-06	1.E-06	1.E-05	6.E-07	7.E-06	2.E-06	2.E-05	5.E-06	5.E-05	0.	0.	2.E-13	2.E-12
Pa233	4.E-10	2.E-03	1.E-09	7.E-03	1.E-11	5.E-05	2.E-11	9.E-05	3.E-11	2.E-04	0.	0.	5.E-14	3.E-07
Pa234m	8.E-13	1.E-01	2.E-13	4.E-02	1.E-12	2.E-01	4.E-12	6.E-01	1.E-11	2.E+00	0.	0.	0.	0.
Pb209	6.E-18	6.E-09	6.E-18	6.E-09	2.E-20	2.E-11	5.E-20	4.E-11	6.E-20	6.E-11	0.	0.	9.E-24	9.E-15
Pb210	2.E-16	4.E-12	1.E-16	2.E-12	6.E-16	9.E-12	9.E-16	1.E-11	5.E-15	9.E-11	0.	0.	1.E-18	2.E-14
Pb211	3.E-16	1.E-06	2.E-15	8.E-06	5.E-16	3.E-06	1.E-15	6.E-06	4.E-15	2.E-05	0.	0.	1.E-22	6.E-13
Pb214	2.E-21	2.E-11	9.E-22	6.E-12	6.E-21	5.E-11	1.E-20	7.E-11	7.E-20	5.E-10	0.	0.	2.E-23	1.E-13
Pd107	1.E-02	7.E-04	5.E-02	3.E-03	2.E-12	1.E-13	0.	0.	2.E-37	1.E-38	0.	0.	0.	0.
Po210	4.E-18	4.E-12	2.E-18	2.E-12	9.E-18	9.E-12	1.E-17	1.E-11	9.E-17	8.E-11	0.	0.	2.E-20	2.E-14
Po213	2.E-27	6.E-09	2.E-27	6.E-09	6.E-30	2.E-11	2.E-29	4.E-11	2.E-29	5.E-11	0.	0.	3.E-33	8.E-15

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-108 MOLES	TANK T-108 CURIES	TANK T-109 MOLES	TANK T-109 CURIES	TANK T-110 MOLES	TANK T-110 CURIES	TANK T-111 MOLES	TANK T-111 CURIES	TANK T-112 MOLES	TANK T-112 CURIES	TANK T-201 MOLES	TANK T-201 CURIES	TANK T-202 MOLES	TANK T-202 CURIES
Po214	3.E-28	2.E-11	1.E-28	8.E-12	8.E-28	6.E-11	1.E-27	9.E-11	9.E-27	6.E-10	0.	0.	2.E-30	1.E-13
Po215	2.E-22	1.E-06	1.E-21	8.E-06	4.E-22	3.E-06	1.E-21	6.E-06	3.E-21	2.E-05	0.	0.	1.E-28	6.E-13
Po218	2.E-22	2.E-11	1.E-22	6.E-12	7.E-22	5.E-11	1.E-21	7.E-11	8.E-21	5.E-10	0.	0.	2.E-24	1.E-13
Pu238	2.E-06	8.E-03	4.E-07	2.E-03	1.E-04	4.E-01	2.E-04	7.E-01	3.E-03	1.E+01	0.	0.	5.E-07	2.E-03
Pu239	3.E-01	5.E+00	3.E-02	5.E-01	1.E+01	2.E+02	8.E+00	1.E+02	1.E+01	2.E+02	0.	0.	2.E-02	3.E-01
Pu240	6.E-03	4.E-01	7.E-04	4.E-02	3.E-01	2.E+01	4.E-01	2.E+01	7.E-01	4.E+01	0.	0.	1.E-03	6.E-02
Pu241	3.E-05	8.E-01	3.E-06	9.E-02	3.E-03	6.E+01	6.E-03	2.E+02	1.E-02	4.E+02	0.	0.	2.E-05	5.E-01
Ra223	1.E-13	1.E-06	7.E-13	8.E-06	2.E-13	3.E-06	6.E-13	6.E-06	2.E-12	2.E-05	0.	0.	5.E-20	6.E-13
Ra225	7.E-16	6.E-09	7.E-16	6.E-09	2.E-18	2.E-11	5.E-18	4.E-11	6.E-18	6.E-11	0.	0.	1.E-21	9.E-15
Ra226	7.E-14	2.E-11	3.E-14	6.E-12	2.E-13	5.E-11	3.E-13	7.E-11	2.E-12	5.E-10	0.	0.	5.E-16	1.E-13
Ru106	5.E-10	2.E-04	5.E-11	2.E-05	3.E-11	1.E-05	1.E-10	4.E-05	9.E-10	3.E-04	0.	0.	0.	0.
Sb126	3.E-09	3.E-02	3.E-10	3.E-03	4.E-09	4.E-02	4.E-09	4.E-02	5.E-09	6.E-02	0.	0.	0.	0.
Sb126m	3.E-12	3.E-02	4.E-13	3.E-03	4.E-12	4.E-02	4.E-12	4.E-02	6.E-12	6.E-02	0.	0.	0.	0.
Se79	2.E-03	9.E-03	1.E-02	5.E-02	5.E-13	3.E-12	0.	0.	5.E-38	3.E-37	0.	0.	0.	0.
Sm151	2.E-02	1.E+02	3.E-03	1.E+01	3.E-02	1.E+02	2.E-02	6.E+01	2.E-02	8.E+01	0.	0.	0.	0.
Sn126	9.E-03	3.E-02	1.E-03	3.E-03	1.E-02	4.E-02	1.E-02	4.E-02	2.E-02	6.E-02	0.	0.	0.	0.
Sr90	4.E-01	4.E+03	7.E-03	9.E+01	4.E-01	4.E+03	3.E-01	4.E+03	5.E-01	6.E+03	0.	0.	0.	0.
Tc99	2.E-01	3.E-01	1.E+00	2.E+00	6.E-11	1.E-10	0.	0.	3.E-36	5.E-36	0.	0.	0.	0.
Th227	2.E-13	1.E-06	1.E-12	8.E-06	4.E-13	3.E-06	9.E-13	6.E-06	3.E-12	2.E-05	0.	0.	8.E-20	6.E-13
Th229	1.E-10	6.E-09	1.E-10	6.E-09	3.E-13	2.E-11	9.E-13	4.E-11	1.E-12	6.E-11	0.	0.	2.E-16	9.E-15
Th230	5.E-10	2.E-09	2.E-10	8.E-10	2.E-09	1.E-08	4.E-09	2.E-08	3.E-08	1.E-07	0.	0.	6.E-12	3.E-11
Th231	5.E-11	6.E-03	1.E-11	2.E-03	8.E-11	1.E-02	2.E-10	3.E-02	7.E-10	9.E-02	0.	0.	6.E-17	8.E-09
Th234	2.E-08	1.E-01	7.E-09	4.E-02	4.E-08	2.E-01	1.E-07	6.E-01	4.E-07	2.E+00	0.	0.	0.	0.
Tl207	3.E-17	1.E-06	2.E-16	8.E-06	7.E-17	3.E-06	2.E-16	6.E-06	5.E-16	2.E-05	0.	0.	2.E-23	6.E-13
U233	2.E-06	4.E-06	2.E-06	4.E-06	3.E-09	7.E-09	8.E-09	2.E-08	1.E-08	3.E-08	0.	0.	5.E-12	1.E-11
U234	9.E-06	1.E-05	3.E-06	4.E-06	5.E-05	7.E-05	8.E-05	1.E-04	7.E-04	1.E-03	0.	0.	1.E-07	2.E-07
U235	1.E+01	6.E-03	3.E+00	2.E-03	2.E+01	1.E-02	5.E+01	3.E-02	2.E+02	9.E-02	0.	0.	2.E-05	8.E-09
U238	2.E+03	1.E-01	5.E+02	4.E-02	3.E+03	2.E-01	8.E+03	6.E-01	3.E+04	2.E+00	0.	0.	0.	0.
Y90	9.E-05	4.E+03	2.E-06	9.E+01	9.E-05	5.E+03	8.E-05	4.E+03	1.E-04	6.E+03	0.	0.	0.	0.
Zr93	9.E-01	2.E-01	1.E-01	2.E-02	1.E+00	3.E-01	1.E+00	3.E-01	1.E+00	3.E-01	0.	0.	0.	0.
Ag	2.E-08	0.	2.E-07	0.	2.E-17	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	1.E+03	0.	2.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ba	3.E+00	0.	2.E+00	0.	2.E-03	0.	0.	0.	6.E-03	0.	0.	0.	0.	0.
Bi	7.E+03	0.	8.E+02	0.	1.E+07	0.	1.E+07	0.	1.E+07	0.	0.	0.	3.E+02	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-108 MOLES	TANK T-108 CURIES	TANK T-109 MOLES	TANK T-109 CURIES	TANK T-110 MOLES	TANK T-110 CURIES	TANK T-111 MOLES	TANK T-111 CURIES	TANK T-112 MOLES	TANK T-112 CURIES	TANK T-201 MOLES	TANK T-201 CURIES	TANK T-202 MOLES	TANK T-202 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	1.E+04	0.	3.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ca	6.E-33	0.	6.E-34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	5.E-01	0.	2.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	4.E-06	0.	1.E-04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	1.E+03	0.	1.E+02	0.	2.E+04	0.	3.E+04	0.	3.E+04	0.	0.	0.	2.E+02	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	3.E+04	0.	1.E+04	0.	8.E+03	0.	3.E+03	0.	3.E+03	0.	0.	0.	2.E+04	0.
Fe	2.E+04	0.	2.E+03	0.	4.E+05	0.	4.E+05	0.	5.E+05	0.	0.	0.	0.	0.
Fe(CN)6	3.E+01	0.	3.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	3.E+02	0.	3.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+04	0.
La	0.	0.	0.	0.	0.	0.	8.E+03	0.	8.E+02	0.	0.	0.	1.E+02	0.
Mn	0.	0.	0.	0.	0.	0.	2.E+04	0.	2.E+03	0.	0.	0.	3.E+02	0.
NO2	3.E+02	0.	2.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	2.E+04	0.	3.E+05	0.	3.E+04	0.	0.	0.	4.E-28	0.	0.	0.	1.E+05	0.
Na	4.E+05	0.	1.E+06	0.	8.E+04	0.	0.	0.	5.E-07	0.	1.E+01	0.	2.E+05	0.
Ni	6.E-03	0.	6.E-04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OH	6.E+04	0.	8.E+03	0.	1.E+06	0.	2.E+06	0.	2.E+06	0.	1.E+01	0.	5.E+04	0.
PO4	1.E+05	0.	5.E+04	0.	1.E+07	0.	1.E+07	0.	1.E+07	0.	0.	0.	3.E+03	0.
Pb	4.E-11	0.	3.E-10	0.	6.E-11	0.	1.E-10	0.	4.E-10	0.	0.	0.	9.E-18	0.
SiO3	7.E+01	0.	4.E+03	0.	2.E-05	0.	0.	0.	6.E-30	0.	0.	0.	0.	0.
SO4	3.E+03	0.	8.E+04	0.	2.E-03	0.	0.	0.	6.E-03	0.	0.	0.	3.E+02	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	2.E+03	0.	3.E+02	0.	4.E-01	0.	3.E-01	0.	4.E-01	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK T-203 MOLES	TANK T-203 CURIES	TANK T-204 MOLES	TANK T-204 CURIES	TANK TX-101 MOLES	TANK TX-101 CURIES	TANK TX-102 MOLES	TANK TX-102 CURIES	TANK TX-103 MOLES	TANK TX-103 CURIES	TANK TX-104 MOLES	TANK TX-104 CURIES	TANK TX-105 MOLES	TANK TX-105 CURIES
Ac225	7.E-21	9.E-14	0.	0.	1.E-15	2.E-08	2.E-15	3.E-08	7.E-16	9.E-09	1.E-15	2.E-08	5.E-15	6.E-08
Ac227	4.E-16	6.E-12	0.	0.	1.E-17	2.E-13	1.E-10	2.E-06	3.E-10	5.E-06	2.E-14	4.E-10	1.E-09	2.E-05
Am241	6.E-04	5.E-01	0.	0.	1.E-06	1.E-03	6.E-07	5.E-04	1.E-04	1.E-01	8.E-09	6.E-06	4.E-06	3.E-03
Am242	0.	0.	0.	0.	6.E-15	1.E-06	6.E-16	1.E-07	1.E-12	2.E-04	4.E-23	8.E-15	2.E-15	5.E-07
Am242m	0.	0.	0.	0.	5.E-10	1.E-06	5.E-11	1.E-07	9.E-08	2.E-04	3.E-18	8.E-15	2.E-10	5.E-07
Am243	0.	0.	0.	0.	8.E-09	4.E-07	8.E-10	4.E-08	2.E-06	1.E-04	3.E-17	1.E-15	3.E-09	2.E-07
At217	2.E-28	8.E-14	0.	0.	4.E-23	2.E-08	9.E-23	3.E-08	3.E-23	9.E-09	5.E-23	2.E-08	2.E-22	6.E-08
Ba137m	0.	0.	0.	0.	1.E-15	8.E-05	3.E-08	2.E+03	5.E-08	3.E+03	8.E-15	6.E-04	3.E-07	2.E+04
Bi210	8.E-21	2.E-13	0.	0.	1.E-20	3.E-13	2.E-21	5.E-14	4.E-21	1.E-13	1.E-22	3.E-15	2.E-20	4.E-13
Bi211	7.E-23	6.E-12	0.	0.	2.E-24	2.E-13	2.E-17	2.E-06	5.E-17	5.E-06	4.E-21	4.E-10	2.E-16	2.E-05
Bi213	2.E-23	9.E-14	0.	0.	4.E-18	2.E-08	8.E-18	3.E-08	2.E-18	1.E-08	5.E-18	2.E-08	1.E-17	6.E-08
Bi214	1.E-22	1.E-12	0.	0.	2.E-25	2.E-15	2.E-23	2.E-13	3.E-23	2.E-13	3.E-24	3.E-14	2.E-22	2.E-12
C14	0.	0.	0.	0.	3.E-01	2.E+01	4.E-02	3.E+00	1.E-02	8.E-01	7.E-09	5.E-07	4.E-01	3.E+01
Cm242	0.	0.	0.	0.	1.E-12	1.E-06	1.E-13	1.E-07	2.E-10	2.E-04	8.E-21	7.E-15	5.E-13	4.E-07
Cm244	0.	0.	0.	0.	1.E-14	3.E-10	4.E-07	7.E-03	8.E-08	2.E-03	9.E-14	2.E-09	4.E-06	7.E-02
Cm245	0.	0.	0.	0.	4.E-16	2.E-14	3.E-09	1.E-07	1.E-09	6.E-08	4.E-16	2.E-14	3.E-08	1.E-06
Cs135	0.	0.	0.	0.	4.E-09	6.E-10	5.E-02	7.E-03	3.E-01	4.E-02	1.E-08	2.E-09	5.E-01	7.E-02
Cs137	0.	0.	0.	0.	7.E-09	9.E-05	2.E-01	3.E+03	3.E-01	4.E+03	5.E-08	6.E-04	2.E+00	3.E+04
Fr221	2.E-24	9.E-14	0.	0.	4.E-19	2.E-08	8.E-19	3.E-08	2.E-19	9.E-09	5.E-19	2.E-08	2.E-18	6.E-08
Fr223	1.E-23	9.E-14	0.	0.	3.E-25	3.E-15	3.E-18	3.E-08	8.E-18	7.E-08	6.E-22	6.E-12	3.E-17	3.E-07
I129	0.	0.	0.	0.	4.E-09	9.E-11	7.E-01	2.E-02	1.E-01	2.E-03	1.E-07	3.E-09	6.E+00	1.E-01
Nb93m	0.	0.	0.	0.	1.E-12	4.E-08	8.E-06	2.E-01	7.E-07	2.E-02	2.E-09	4.E-05	7.E-05	2.E+00
Ni63	0.	0.	0.	0.	3.E-02	1.E+02	2.E-06	6.E-03	3.E-02	1.E+02	1.E-10	4.E-07	9.E-04	4.E+00
Np237	2.E-05	3.E-06	0.	0.	3.E-08	5.E-09	1.E-01	2.E-02	3.E-02	4.E-03	3.E-08	5.E-09	1.E+00	2.E-01
Np239	0.	0.	0.	0.	7.E-15	4.E-07	7.E-16	4.E-08	2.E-12	1.E-04	2.E-23	1.E-15	3.E-15	2.E-07
Pa231	2.E-12	2.E-11	0.	0.	7.E-14	8.E-13	4.E-07	4.E-06	7.E-07	8.E-06	2.E-10	2.E-09	4.E-06	4.E-05
Pa233	5.E-13	3.E-06	0.	0.	1.E-15	5.E-09	5.E-09	2.E-02	9.E-10	4.E-03	1.E-15	5.E-09	5.E-08	2.E-01
Pa234m	0.	0.	0.	0.	5.E-19	8.E-08	6.E-20	1.E-08	1.E-18	2.E-07	9.E-16	1.E-04	8.E-24	1.E-12
Pb209	9.E-23	9.E-14	0.	0.	2.E-17	2.E-08	3.E-17	3.E-08	1.E-17	9.E-09	2.E-17	2.E-08	6.E-17	6.E-08
Pb210	1.E-17	2.E-13	0.	0.	2.E-17	3.E-13	3.E-18	5.E-14	6.E-18	9.E-14	2.E-19	3.E-15	2.E-17	4.E-13
Pb211	1.E-21	6.E-12	0.	0.	4.E-23	2.E-13	4.E-16	2.E-06	9.E-16	5.E-06	7.E-20	4.E-10	4.E-15	2.E-05
Pb214	2.E-22	1.E-12	0.	0.	3.E-25	2.E-15	2.E-23	2.E-13	3.E-23	2.E-13	4.E-24	3.E-14	2.E-22	2.E-12
Pd107	0.	0.	0.	0.	4.E-09	2.E-10	5.E-01	3.E-02	6.E-02	3.E-03	1.E-07	7.E-09	5.E+00	3.E-01
Po210	2.E-19	2.E-13	0.	0.	3.E-19	3.E-13	5.E-20	5.E-14	1.E-19	9.E-14	3.E-21	3.E-15	4.E-19	4.E-13
Po213	3.E-32	8.E-14	0.	0.	6.E-27	2.E-08	1.E-26	3.E-08	3.E-27	9.E-09	7.E-27	2.E-08	2.E-26	6.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-203 MOLES	TANK T-203 CURIES	TANK T-204 MOLES	TANK T-204 CURIES	TANK TX-101 MOLES	TANK TX-101 CURIES	TANK TX-102 MOLES	TANK TX-102 CURIES	TANK TX-103 MOLES	TANK TX-103 CURIES	TANK TX-104 MOLES	TANK TX-104 CURIES	TANK TX-105 MOLES	TANK TX-105 CURIES
Po214	2.E-29	1.E-12	0.	0.	3.E-32	2.E-15	3.E-30	2.E-13	4.E-30	3.E-13	5.E-31	3.E-14	3.E-29	2.E-12
Po215	1.E-27	6.E-12	0.	0.	3.E-29	2.E-13	3.E-22	2.E-06	7.E-22	5.E-06	6.E-26	4.E-10	3.E-21	2.E-05
Po218	2.E-23	1.E-12	0.	0.	3.E-26	2.E-15	3.E-24	2.E-13	4.E-24	2.E-13	4.E-25	3.E-14	3.E-23	2.E-12
Pu238	5.E-06	2.E-02	0.	0.	9.E-08	4.E-04	4.E-08	2.E-04	1.E-07	5.E-04	7.E-07	3.E-03	2.E-07	8.E-04
Pu239	2.E-01	3.E+00	0.	0.	2.E-06	3.E-05	6.E-09	9.E-08	6.E-08	9.E-07	2.E-05	3.E-04	3.E-05	4.E-04
Pu240	1.E-02	6.E-01	0.	0.	1.E-05	5.E-04	2.E-06	1.E-04	7.E-08	4.E-06	3.E-06	1.E-04	6.E-06	4.E-04
Pu241	2.E-04	5.E+00	0.	0.	9.E-09	2.E-04	3.E-11	7.E-07	2.E-10	5.E-06	8.E-09	2.E-04	2.E-07	5.E-03
Ra223	5.E-19	6.E-12	0.	0.	2.E-20	2.E-13	2.E-13	2.E-06	4.E-13	5.E-06	3.E-17	4.E-10	2.E-12	2.E-05
Ra225	1.E-20	9.E-14	0.	0.	2.E-15	2.E-08	4.E-15	3.E-08	1.E-15	9.E-09	2.E-15	2.E-08	7.E-15	6.E-08
Ra226	5.E-15	1.E-12	0.	0.	8.E-18	2.E-15	8.E-16	2.E-13	1.E-15	2.E-13	1.E-16	3.E-14	7.E-15	2.E-12
Ru106	0.	0.	0.	0.	5.E-09	2.E-03	2.E-10	7.E-05	2.E-10	7.E-05	5.E-17	2.E-11	9.E-08	3.E-02
Sb126	0.	0.	0.	0.	7.E-16	7.E-09	8.E-17	8.E-10	3.E-16	3.E-09	1.E-12	1.E-05	2.E-17	2.E-10
Sb126m	0.	0.	0.	0.	7.E-19	7.E-09	8.E-20	8.E-10	3.E-19	3.E-09	1.E-15	1.E-05	2.E-20	2.E-10
Se79	0.	0.	0.	0.	5.E-10	3.E-09	5.E-02	3.E-01	8.E-03	4.E-02	7.E-09	4.E-08	5.E-01	3.E+00
Sm151	0.	0.	0.	0.	8.E-08	3.E-04	2.E-10	8.E-07	5.E-09	2.E-05	6.E-06	2.E-02	3.E-08	1.E-04
Sn126	0.	0.	0.	0.	2.E-09	7.E-09	2.E-10	8.E-10	9.E-10	3.E-09	4.E-06	1.E-05	5.E-11	2.E-10
Sr90	0.	0.	0.	0.	9.E-01	1.E+04	3.E-02	4.E+02	7.E-02	9.E+02	6.E-09	8.E-05	3.E-01	4.E+03
Tc99	0.	0.	0.	0.	6.E-08	1.E-07	6.E+00	1.E+01	9.E-01	2.E+00	1.E-06	2.E-06	6.E+01	1.E+02
Th227	8.E-19	6.E-12	0.	0.	3.E-20	2.E-13	3.E-13	2.E-06	6.E-13	4.E-06	5.E-17	4.E-10	3.E-12	2.E-05
Th229	2.E-15	9.E-14	0.	0.	3.E-10	2.E-08	6.E-10	3.E-08	2.E-10	9.E-09	4.E-10	2.E-08	1.E-09	6.E-08
Th230	6.E-11	3.E-10	0.	0.	2.E-13	9.E-13	1.E-13	6.E-13	1.E-12	5.E-12	2.E-12	1.E-11	6.E-13	3.E-12
Th231	6.E-16	8.E-08	0.	0.	2.E-17	2.E-09	4.E-18	5.E-10	6.E-17	8.E-09	5.E-14	6.E-06	9.E-19	1.E-10
Th234	0.	0.	0.	0.	1.E-14	8.E-08	2.E-15	1.E-08	3.E-14	2.E-07	3.E-11	1.E-04	2.E-19	1.E-12
Tl207	2.E-22	6.E-12	0.	0.	5.E-24	2.E-13	5.E-17	2.E-06	1.E-16	5.E-06	1.E-20	4.E-10	5.E-16	2.E-05
U233	5.E-11	1.E-10	0.	0.	6.E-06	1.E-05	1.E-05	2.E-05	3.E-06	6.E-06	8.E-06	2.E-05	2.E-05	5.E-05
U234	1.E-06	2.E-06	0.	0.	9.E-09	1.E-08	5.E-09	7.E-09	3.E-08	4.E-08	1.E-07	1.E-07	2.E-08	4.E-08
U235	2.E-04	8.E-08	0.	0.	4.E-06	2.E-09	1.E-06	5.E-10	2.E-05	8.E-09	1.E-02	6.E-06	2.E-07	1.E-10
U238	0.	0.	0.	0.	1.E-03	8.E-08	1.E-04	1.E-08	2.E-03	2.E-07	2.E+00	1.E-04	2.E-08	1.E-12
Y90	0.	0.	0.	0.	2.E-04	1.E+04	8.E-06	4.E+02	2.E-05	9.E+02	2.E-12	8.E-05	8.E-05	4.E+03
Zr93	0.	0.	0.	0.	2.E-07	6.E-08	3.E-08	7.E-09	6.E-08	1.E-08	3.E-04	8.E-05	3.E-09	8.E-10
Ag	0.	0.	0.	0.	4.E-15	0.	1.E-06	0.	1.E-07	0.	2.E-13	0.	9.E-06	0.
Al	0.	0.	0.	0.	1.E+06	0.	2.E+02	0.	1.E+04	0.	9.E+02	0.	2.E+06	0.
Ba	0.	0.	0.	0.	2.E+01	0.	2.E+01	0.	4.E+00	0.	8.E+00	0.	3.E+01	0.
Bi	3.E+03	0.	0.	0.	3.E-13	0.	4.E-13	0.	1.E-13	0.	2.E-13	0.	7.E-13	0.
C2H3O3	0.	0.	0.	0.	6.E-08	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-203 MOLES	TANK T-203 CURIES	TANK T-204 MOLES	TANK T-204 CURIES	TANK TX-101 MOLES	TANK TX-101 CURIES	TANK TX-102 MOLES	TANK TX-102 CURIES	TANK TX-103 MOLES	TANK TX-103 CURIES	TANK TX-104 MOLES	TANK TX-104 CURIES	TANK TX-105 MOLES	TANK TX-105 CURIES
C6H5O7	0.	0.	0.	0.	3.E-05	0.	9.E+02	0.	9.E+02	0.	1.E-04	0.	6.E+05	0.
CO3	0.	0.	0.	0.	6.E-02	0.	6.E+03	0.	8.E+04	0.	2.E-03	0.	3.E+05	0.
Ca	0.	0.	0.	0.	3.E-01	0.	4.E-06	0.	2.E-07	0.	9.E-13	0.	4.E-03	0.
Ce	0.	0.	0.	0.	1.E-08	0.	2.E-01	0.	2.E+00	0.	2.E-07	0.	2.E+00	0.
Cl	0.	0.	0.	0.	7.E-15	0.	3.E-07	0.	3.E-05	0.	5.E-13	0.	6.E-06	0.
Cr	2.E+03	0.	0.	0.	3.E-07	0.	7.E-14	0.	3.E-15	0.	4.E-22	0.	5.E-13	0.
EDTA	0.	0.	0.	0.	6.E-08	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	5.E+04	0.	0.	0.	4.E-06	0.	2.E+02	0.	1.E+03	0.	5.E-04	0.	3.E+03	0.
Fe	0.	0.	0.	0.	1.E+00	0.	1.E+02	0.	2.E+02	0.	3.E-05	0.	1.E+05	0.
Fe(CN)6	0.	0.	0.	0.	2.E+01	0.	9.E-02	0.	6.E-06	0.	1.E-08	0.	4.E-05	0.
HEDTA	0.	0.	0.	0.	1.E-07	0.	1.E+00	0.	5.E-02	0.	2.E-07	0.	1.E+01	0.
K	4.E+04	0.	0.	0.	8.E-06	0.	5.E+01	0.	1.E+01	0.	8.E-06	0.	1.E+03	0.
La	1.E+03	0.	0.	0.	0.	0.	0.	0.	1.E-24	0.	0.	0.	0.	0.
Mn	3.E+03	0.	0.	0.	1.E-07	0.	3.E+00	0.	3.E+00	0.	5.E-07	0.	2.E+03	0.
NO2	0.	0.	0.	0.	1.E-04	0.	5.E+03	0.	7.E+03	0.	1.E-03	0.	2.E+05	0.
NO3	2.E+05	0.	0.	0.	2.E+07	0.	1.E+06	0.	9.E+04	0.	8.E-03	0.	7.E+06	0.
Na	3.E+05	0.	2.E+01	0.	2.E+07	0.	1.E+06	0.	2.E+05	0.	3.E+01	0.	8.E+06	0.
Ni	0.	0.	0.	0.	8.E+02	0.	6.E-09	0.	4.E+01	0.	9.E-16	0.	6.E+03	0.
OH	1.E+05	0.	2.E+01	0.	4.E+06	0.	6.E+02	0.	1.E+03	0.	3.E+03	0.	4.E+06	0.
PO4	6.E+03	0.	0.	0.	4.E-06	0.	8.E+00	0.	1.E+04	0.	2.E-04	0.	2.E+03	0.
Pb	9.E-17	0.	0.	0.	1.E+04	0.	4.E-11	0.	3.E-05	0.	3.E-11	0.	2.E-02	0.
SiO3	0.	0.	0.	0.	4.E-06	0.	1.E+02	0.	5.E+02	0.	3.E-05	0.	1.E+04	0.
SO4	7.E+02	0.	0.	0.	1.E+04	0.	4.E+03	0.	2.E+04	0.	8.E+00	0.	4.E+04	0.
Sr	0.	0.	0.	0.	2.E-09	0.	1.E-07	0.	7.E-04	0.	3.E-14	0.	1.E-06	0.
ZrO	0.	0.	0.	0.	6.E-01	0.	4.E-03	0.	1.E+00	0.	2.E-01	0.	9.E-02	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK TX-106		TANK TX-107		TANK TX-108		TANK TX-109		TANK TX-110		TANK TX-111		TANK TX-112	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	1.E-16	1.E-09	5.E-23	6.E-16	6.E-16	8.E-09	2.E-15	3.E-08	1.E-15	1.E-08	7.E-16	9.E-09	9.E-16	1.E-08
Ac227	1.E-10	2.E-06	7.E-17	1.E-12	2.E-09	3.E-05	2.E-08	4.E-04	1.E-08	2.E-04	4.E-09	6.E-05	5.E-09	8.E-05
Am241	8.E-08	6.E-05	8.E-10	7.E-07	1.E-03	1.E+00	2.E-01	1.E+02	6.E-02	5.E+01	6.E-03	5.E+00	3.E-04	3.E-01
Am242	9.E-16	2.E-07	6.E-20	1.E-11	2.E-13	3.E-05	1.E-09	2.E-01	4.E-10	9.E-02	4.E-11	9.E-03	3.E-12	5.E-04
Am242m	7.E-11	2.E-07	5.E-15	1.E-11	1.E-08	3.E-05	9.E-05	2.E-01	4.E-05	9.E-02	4.E-06	9.E-03	2.E-07	5.E-04
Am243	6.E-10	3.E-08	6.E-12	3.E-10	1.E-05	6.E-04	3.E-03	1.E-01	1.E-03	5.E-02	1.E-04	5.E-03	6.E-06	3.E-04
At217	4.E-24	1.E-09	2.E-30	6.E-16	2.E-23	8.E-09	8.E-23	3.E-08	4.E-23	1.E-08	3.E-23	9.E-09	3.E-23	1.E-08
Ba137m	5.E-07	4.E+04	2.E-14	1.E-03	2.E-06	1.E+05	1.E-05	1.E+06	6.E-06	4.E+05	1.E-06	1.E+05	1.E-06	8.E+04
Bi210	8.E-22	2.E-14	5.E-26	1.E-18	7.E-20	2.E-12	3.E-18	7.E-11	5.E-19	1.E-11	2.E-19	4.E-12	1.E-19	3.E-12
Bi211	3.E-17	2.E-06	1.E-23	1.E-12	3.E-16	3.E-05	4.E-15	4.E-04	2.E-15	2.E-04	7.E-16	6.E-05	9.E-16	8.E-05
Bi213	4.E-19	2.E-09	2.E-25	7.E-16	2.E-18	8.E-09	7.E-18	3.E-08	3.E-18	1.E-08	2.E-18	9.E-09	3.E-18	1.E-08
Bi214	5.E-24	5.E-14	9.E-28	9.E-18	1.E-21	9.E-12	4.E-20	3.E-10	7.E-21	7.E-11	2.E-21	2.E-11	7.E-22	7.E-12
C14	8.E-02	5.E+00	2.E-10	1.E-08	2.E-01	1.E+01	5.E+00	3.E+02	2.E+00	1.E+02	2.E-01	1.E+01	3.E-02	2.E+00
Cm242	2.E-13	1.E-07	1.E-17	9.E-12	3.E-11	3.E-05	2.E-07	2.E-01	9.E-08	7.E-02	9.E-09	7.E-03	5.E-10	4.E-04
Cm244	1.E-07	2.E-03	2.E-14	3.E-10	3.E-06	7.E-02	8.E-05	2.E+00	3.E-05	6.E-01	3.E-06	6.E-02	2.E-07	4.E-03
Cm245	1.E-09	4.E-08	3.E-16	1.E-14	8.E-08	3.E-06	1.E-06	6.E-05	6.E-07	2.E-05	6.E-08	2.E-06	3.E-09	1.E-07
Cs135	1.E+00	2.E-01	7.E-08	1.E-08	5.E+00	8.E-01	3.E+01	5.E+00	2.E+01	3.E+00	7.E+00	1.E+00	8.E+00	1.E+00
Cs137	3.E+00	4.E+04	1.E-07	1.E-03	1.E+01	2.E+05	9.E+01	1.E+06	4.E+01	5.E+05	9.E+00	1.E+05	7.E+00	8.E+04
Fr221	4.E-20	1.E-09	2.E-26	6.E-16	2.E-19	8.E-09	7.E-19	3.E-08	3.E-19	1.E-08	2.E-19	9.E-09	3.E-19	1.E-08
Fr223	4.E-18	3.E-08	2.E-24	2.E-14	5.E-17	4.E-07	6.E-16	6.E-06	3.E-16	2.E-06	1.E-16	9.E-07	1.E-16	1.E-06
I129	6.E-01	1.E-02	2.E-08	5.E-10	2.E+00	6.E-02	6.E+01	1.E+00	2.E+01	5.E-01	3.E+00	7.E-02	2.E+00	4.E-02
Nb93m	4.E-06	1.E-01	4.E-12	1.E-07	2.E-05	5.E-01	6.E-04	2.E+01	2.E-04	5.E+00	2.E-05	6.E-01	8.E-06	2.E-01
Ni63	3.E-03	1.E+01	6.E-11	2.E-07	7.E-02	3.E+02	3.E-01	1.E+03	1.E-01	6.E+02	5.E-02	2.E+02	6.E-02	2.E+02
Np237	2.E-01	4.E-02	1.E-08	2.E-09	5.E-01	8.E-02	1.E+01	2.E+00	5.E+00	8.E-01	8.E-01	1.E-01	5.E-01	8.E-02
Np239	5.E-16	3.E-08	5.E-18	3.E-10	1.E-11	6.E-04	2.E-09	1.E-01	8.E-10	5.E-02	9.E-11	5.E-03	5.E-12	3.E-04
Pa231	4.E-07	4.E-06	4.E-13	5.E-12	5.E-06	5.E-05	7.E-05	7.E-04	3.E-05	3.E-04	1.E-05	1.E-04	1.E-05	1.E-04
Pa233	8.E-09	4.E-02	4.E-16	2.E-09	2.E-08	8.E-02	5.E-07	2.E+00	2.E-07	8.E-01	3.E-08	1.E-01	2.E-08	9.E-02
Pa234m	2.E-18	3.E-07	1.E-18	2.E-07	1.E-12	2.E-01	8.E-12	1.E+00	3.E-12	4.E-01	1.E-12	2.E-01	2.E-13	4.E-02
Pb209	2.E-18	1.E-09	7.E-25	6.E-16	8.E-18	8.E-09	3.E-17	3.E-08	1.E-17	1.E-08	1.E-17	9.E-09	1.E-17	1.E-08
Pb210	1.E-18	2.E-14	7.E-23	1.E-18	1.E-16	2.E-12	4.E-15	6.E-11	8.E-16	1.E-11	3.E-16	4.E-12	2.E-16	3.E-12
Pb211	5.E-16	2.E-06	2.E-22	1.E-12	5.E-15	3.E-05	7.E-14	4.E-04	3.E-14	2.E-04	1.E-14	6.E-05	1.E-14	8.E-05
Pb214	7.E-24	5.E-14	1.E-27	9.E-18	1.E-21	9.E-12	5.E-20	4.E-10	1.E-20	7.E-11	2.E-21	2.E-11	9.E-22	7.E-12
Pd107	4.E-01	2.E-02	2.E-08	1.E-09	2.E+00	9.E-02	4.E+01	2.E+00	2.E+01	9.E-01	2.E+00	1.E-01	7.E-01	4.E-02
Po210	2.E-20	2.E-14	1.E-24	1.E-18	2.E-18	2.E-12	6.E-17	6.E-11	1.E-17	1.E-11	4.E-18	4.E-12	3.E-18	3.E-12
Po213	5.E-28	1.E-09	2.E-34	6.E-16	3.E-27	8.E-09	1.E-26	3.E-08	5.E-27	1.E-08	3.E-27	9.E-09	4.E-27	1.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-106 MOLES	TANK TX-106 CURIES	TANK TX-107 MOLES	TANK TX-107 CURIES	TANK TX-108 MOLES	TANK TX-108 CURIES	TANK TX-109 MOLES	TANK TX-109 CURIES	TANK TX-110 MOLES	TANK TX-110 CURIES	TANK TX-111 MOLES	TANK TX-111 CURIES	TANK TX-112 MOLES	TANK TX-112 CURIES
Po214	9.E-31	6.E-14	2.E-34	1.E-17	2.E-28	1.E-11	6.E-27	4.E-10	1.E-27	8.E-11	3.E-28	2.E-11	1.E-28	8.E-12
Po215	4.E-22	2.E-06	2.E-28	1.E-12	4.E-21	3.E-05	6.E-20	4.E-04	3.E-20	2.E-04	1.E-20	6.E-05	1.E-20	8.E-05
Po218	8.E-25	5.E-14	1.E-28	9.E-18	1.E-22	9.E-12	6.E-21	4.E-10	1.E-21	7.E-11	3.E-22	2.E-11	1.E-22	7.E-12
Pu238	3.E-09	1.E-05	5.E-11	2.E-07	3.E-05	1.E-01	1.E-03	5.E+00	4.E-05	2.E-01	5.E-06	2.E-02	2.E-07	9.E-04
Pu239	2.E-09	3.E-08	6.E-08	9.E-07	4.E-02	6.E-01	1.E+01	2.E+02	8.E-01	1.E+01	8.E-02	1.E+00	4.E-03	6.E-02
Pu240	9.E-08	5.E-06	4.E-09	2.E-07	3.E-03	1.E-01	5.E-01	3.E+01	4.E-02	2.E+00	4.E-03	2.E-01	1.E-04	8.E-03
Pu241	2.E-12	5.E-08	1.E-10	4.E-06	7.E-05	2.E+00	8.E-03	2.E+02	5.E-04	1.E+01	6.E-05	1.E+00	1.E-06	3.E-02
Ra223	2.E-13	2.E-06	1.E-19	1.E-12	2.E-12	3.E-05	3.E-11	4.E-04	1.E-11	2.E-04	5.E-12	6.E-05	7.E-12	8.E-05
Ra225	2.E-16	2.E-09	7.E-23	6.E-16	9.E-16	8.E-09	3.E-15	3.E-08	2.E-15	1.E-08	1.E-15	9.E-09	1.E-15	1.E-08
Ra226	2.E-16	5.E-14	4.E-20	9.E-18	4.E-14	9.E-12	2.E-12	4.E-10	3.E-13	7.E-11	8.E-14	2.E-11	3.E-14	7.E-12
Ru106	2.E-11	8.E-06	7.E-16	2.E-10	4.E-10	2.E-04	2.E-07	8.E-02	8.E-08	3.E-02	9.E-09	3.E-03	5.E-10	2.E-04
Sb126	8.E-17	9.E-10	5.E-15	5.E-08	2.E-09	2.E-02	5.E-08	5.E-01	4.E-09	4.E-02	4.E-10	5.E-03	2.E-11	2.E-04
Sb126m	9.E-20	9.E-10	5.E-18	5.E-08	2.E-12	2.E-02	5.E-11	5.E-01	5.E-12	4.E-02	5.E-13	5.E-03	2.E-14	2.E-04
Se79	5.E-02	3.E-01	1.E-09	8.E-09	2.E-01	1.E+00	5.E+00	3.E+01	2.E+00	9.E+00	2.E-01	1.E+00	1.E-01	7.E-01
Sm151	4.E-09	2.E-05	7.E-09	3.E-05	8.E-03	3.E+01	2.E-01	8.E+02	2.E-02	7.E+01	2.E-03	7.E+00	1.E-04	5.E-01
Sn126	2.E-10	8.E-10	1.E-08	5.E-08	7.E-03	2.E-02	1.E-01	5.E-01	1.E-02	4.E-02	1.E-03	5.E-03	7.E-05	2.E-04
Sr90	5.E-10	6.E-06	1.E-07	1.E-03	5.E-01	6.E+03	1.E+01	2.E+05	1.E+01	1.E+05	5.E+00	6.E+04	8.E-01	9.E+03
Tc99	8.E+00	9.E+00	3.E-07	5.E-07	2.E+01	4.E+01	5.E+02	9.E+02	2.E+02	3.E+02	3.E+01	5.E+01	1.E+01	2.E+01
Th227	3.E-13	2.E-06	2.E-19	1.E-12	4.E-12	3.E-05	5.E-11	4.E-04	2.E-11	2.E-04	9.E-12	6.E-05	1.E-11	7.E-05
Th229	3.E-11	2.E-09	1.E-17	6.E-16	2.E-10	8.E-09	6.E-10	3.E-08	3.E-10	1.E-08	2.E-10	9.E-09	2.E-10	1.E-08
Th230	2.E-14	8.E-14	7.E-16	3.E-15	5.E-10	2.E-09	1.E-08	7.E-08	2.E-09	7.E-09	5.E-10	2.E-09	1.E-10	5.E-10
Th231	1.E-16	2.E-08	1.E-16	2.E-08	6.E-11	7.E-03	4.E-10	5.E-02	1.E-10	2.E-02	6.E-11	8.E-03	1.E-11	2.E-03
Th234	6.E-14	3.E-07	3.E-14	2.E-07	3.E-08	2.E-01	2.E-07	1.E+00	8.E-08	4.E-01	3.E-08	2.E-01	7.E-09	4.E-02
Tl207	6.E-17	2.E-06	3.E-23	1.E-12	7.E-16	3.E-05	1.E-14	4.E-04	4.E-15	2.E-04	2.E-15	6.E-05	2.E-15	8.E-05
U233	1.E-06	2.E-06	2.E-13	5.E-13	4.E-06	9.E-06	3.E-05	7.E-05	1.E-05	3.E-05	4.E-06	1.E-05	4.E-06	1.E-05
U234	6.E-10	8.E-10	2.E-11	3.E-11	1.E-05	2.E-05	4.E-04	5.E-04	4.E-05	5.E-05	1.E-05	2.E-05	2.E-06	3.E-06
U235	3.E-05	2.E-08	3.E-05	2.E-08	1.E+01	7.E-03	1.E+02	5.E-02	4.E+01	2.E-02	2.E+01	8.E-03	3.E+00	2.E-03
U238	4.E-03	3.E-07	2.E-03	2.E-07	2.E+03	2.E-01	2.E+04	1.E+00	5.E+03	4.E-01	2.E+03	2.E-01	5.E+02	4.E-02
Y90	1.E-13	7.E-06	3.E-11	1.E-03	1.E-04	7.E+03	4.E-03	2.E+05	3.E-03	1.E+05	1.E-03	6.E+04	2.E-04	1.E+04
Zr93	3.E-08	7.E-09	1.E-06	2.E-07	6.E-01	1.E-01	1.E+01	3.E+00	1.E+00	3.E-01	1.E-01	3.E-02	7.E-03	2.E-03
Ag	1.E-06	0.	6.E-14	0.	4.E-06	0.	8.E-05	0.	3.E-05	0.	5.E-06	0.	2.E-06	0.
Al	3.E+05	0.	0.	0.	1.E+06	0.	1.E+07	0.	5.E+06	0.	6.E+05	0.	8.E+05	0.
Ba	1.E+00	0.	9.E-08	0.	9.E+00	0.	2.E+01	0.	9.E+00	0.	5.E+00	0.	6.E+00	0.
Bi	2.E-14	0.	8.E-21	0.	1.E-13	0.	2.E+05	0.	2.E+04	0.	2.E+03	0.	1.E+02	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-106 MOLES	TANK TX-106 CURIES	TANK TX-107 MOLES	TANK TX-107 CURIES	TANK TX-108 MOLES	TANK TX-108 CURIES	TANK TX-109 MOLES	TANK TX-109 CURIES	TANK TX-110 MOLES	TANK TX-110 CURIES	TANK TX-111 MOLES	TANK TX-111 CURIES	TANK TX-112 MOLES	TANK TX-112 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	1.E+06	0.	4.E+05	0.	4.E+04	0.	2.E+03	0.
CO3	2.E-04	0.	1.E-02	0.	2.E+05	0.	5.E+06	0.	3.E+06	0.	2.E+06	0.	3.E+06	0.
Ca	0.	0.	0.	0.	8.E+02	0.	3.E-04	0.	9.E-05	0.	9.E-06	0.	5.E-07	0.
Ce	0.	0.	0.	0.	9.E+02	0.	8.E+02	0.	6.E+02	0.	2.E+02	0.	8.E+02	0.
Cl	0.	0.	0.	0.	9.E-05	0.	1.E-03	0.	8.E-04	0.	7.E-04	0.	9.E-04	0.
Cr	4.E-14	0.	0.	0.	6.E-13	0.	3.E+04	0.	3.E+03	0.	3.E+02	0.	2.E+01	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	1.E+05	0.	4.E+05	0.	4.E+05	0.	1.E+05	0.	9.E+04	0.
Fe	0.	0.	0.	0.	4.E-21	0.	7.E+05	0.	1.E+05	0.	1.E+04	0.	7.E+02	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	1.E+00	0.	1.E-01	0.	2.E-02	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	7.E+01	0.	2.E+01	0.	2.E+00	0.	1.E-01	0.
K	0.	0.	0.	0.	0.	0.	1.E+04	0.	6.E+03	0.	6.E+02	0.	3.E+01	0.
La	0.	0.	0.	0.	0.	0.	6.E-21	0.	6.E-22	0.	1.E-23	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	3.E+03	0.	1.E+03	0.	1.E+02	0.	7.E+00	0.
NO2	7.E-06	0.	0.	0.	6.E+05	0.	7.E+06	0.	3.E+06	0.	4.E+05	0.	6.E+05	0.
NO3	9.E+05	0.	3.E-03	0.	9.E+06	0.	2.E+07	0.	1.E+07	0.	3.E+06	0.	6.E+06	0.
Na	5.E+05	0.	1.E+02	0.	9.E+06	0.	1.E+07	0.	1.E+07	0.	8.E+06	0.	1.E+07	0.
Ni	0.	0.	0.	0.	0.	0.	7.E+03	0.	3.E+03	0.	3.E+02	0.	2.E+01	0.
OH	4.E+05	0.	1.E+02	0.	9.E+02	0.	2.E+06	0.	2.E+05	0.	2.E+04	0.	3.E+03	0.
PO4	5.E-05	0.	4.E-03	0.	2.E+05	0.	1.E+06	0.	7.E+05	0.	6.E+05	0.	4.E+05	0.
Pb	6.E-11	0.	2.E-17	0.	8.E-10	0.	3.E-02	0.	1.E-02	0.	1.E-03	0.	8.E-05	0.
SiO3	1.E-07	0.	0.	0.	1.E+05	0.	4.E+05	0.	2.E+05	0.	4.E+04	0.	1.E+05	0.
SO4	4.E+03	0.	6.E-03	0.	3.E+05	0.	1.E+06	0.	8.E+05	0.	6.E+05	0.	9.E+05	0.
Sr	0.	0.	0.	0.	0.	0.	8.E-01	0.	3.E-01	0.	3.E-02	0.	2.E-03	0.
ZrO	7.E-09	0.	2.E-07	0.	5.E-01	0.	8.E+04	0.	7.E+03	0.	7.E+02	0.	5.E+01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK TX-113		TANK TX-114		TANK TX-115		TANK TX-116		TANK TX-117		TANK TX-118		TANK TY-101	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	5.E-16	6.E-09	1.E-15	1.E-08	5.E-17	7.E-10	7.E-16	9.E-09	7.E-16	1.E-08	2.E-14	3.E-07	4.E-16	5.E-09
Ac227	6.E-08	1.E-03	6.E-09	1.E-04	1.E-08	2.E-04	3.E-09	4.E-05	1.E-08	2.E-04	2.E-08	4.E-04	1.E-09	2.E-05
Am241	7.E-03	6.E+00	7.E-04	6.E-01	8.E-05	7.E-02	1.E-05	1.E-02	2.E-05	2.E-02	2.E+00	2.E+03	5.E-02	4.E+01
Am242	1.E-10	2.E-02	1.E-11	2.E-03	1.E-12	2.E-04	9.E-15	2.E-06	1.E-13	3.E-05	1.E-08	2.E+00	2.E-12	4.E-04
Am242m	9.E-06	2.E-02	9.E-07	2.E-03	1.E-07	2.E-04	7.E-10	2.E-06	1.E-08	3.E-05	9.E-04	2.E+00	2.E-07	4.E-04
Am243	7.E-06	4.E-04	7.E-07	3.E-05	8.E-08	4.E-06	1.E-08	7.E-07	7.E-08	4.E-06	1.E-02	7.E-01	1.E-04	6.E-03
At217	2.E-23	6.E-09	4.E-23	1.E-08	2.E-24	7.E-10	3.E-23	9.E-09	3.E-23	9.E-09	8.E-22	3.E-07	1.E-23	5.E-09
Ba137m	4.E-07	3.E+04	1.E-06	8.E+04	6.E-07	4.E+04	2.E-07	2.E+04	1.E-07	7.E+03	2.E-05	1.E+06	1.E-07	7.E+03
Bi210	3.E-17	9.E-10	7.E-18	2.E-10	6.E-18	2.E-10	1.E-18	4.E-11	7.E-18	2.E-10	8.E-18	2.E-10	8.E-18	2.E-10
Bi211	1.E-14	1.E-03	1.E-15	1.E-04	2.E-15	2.E-04	5.E-16	5.E-05	2.E-15	2.E-04	5.E-15	4.E-04	2.E-16	2.E-05
Bi213	2.E-18	7.E-09	3.E-18	1.E-08	2.E-19	7.E-10	2.E-18	9.E-09	2.E-18	1.E-08	7.E-17	3.E-07	1.E-18	5.E-09
Bi214	5.E-19	5.E-09	7.E-20	7.E-10	9.E-20	8.E-10	2.E-20	2.E-10	1.E-19	9.E-10	8.E-20	8.E-10	1.E-19	1.E-09
C14	2.E-01	1.E+01	6.E-02	4.E+00	1.E-01	7.E+00	2.E-02	1.E+00	2.E-01	1.E+01	2.E+01	1.E+03	5.E-02	3.E+00
Cm242	2.E-08	2.E-02	2.E-09	2.E-03	2.E-10	2.E-04	2.E-12	1.E-06	3.E-11	2.E-05	2.E-06	2.E+00	4.E-10	3.E-04
Cm244	3.E-09	5.E-05	2.E-08	3.E-04	2.E-07	4.E-03	3.E-09	6.E-05	1.E-09	2.E-05	9.E-05	2.E+00	1.E-08	2.E-04
Cm245	2.E-11	8.E-10	1.E-10	5.E-09	2.E-09	8.E-08	2.E-11	8.E-10	8.E-12	3.E-10	2.E-06	7.E-05	1.E-10	5.E-09
Cs135	3.E+00	4.E-01	7.E+00	1.E+00	3.E+00	4.E-01	2.E+00	3.E-01	7.E-01	1.E-01	3.E+01	5.E+00	6.E-01	9.E-02
Cs137	2.E+00	3.E+04	7.E+00	8.E+04	4.E+00	5.E+04	2.E+00	2.E+04	7.E-01	8.E+03	1.E+02	1.E+06	6.E-01	8.E+03
Fr221	2.E-19	6.E-09	3.E-19	1.E-08	2.E-20	7.E-10	2.E-19	9.E-09	2.E-19	1.E-08	7.E-18	3.E-07	1.E-19	5.E-09
Fr223	2.E-15	1.E-05	2.E-16	1.E-06	3.E-16	3.E-06	7.E-17	6.E-07	3.E-16	3.E-06	7.E-16	6.E-06	3.E-17	3.E-07
I129	5.E-01	1.E-02	2.E+00	3.E-02	7.E-01	2.E-02	4.E-01	8.E-03	1.E-01	3.E-03	6.E+01	1.E+00	1.E-01	3.E-03
Nb93m	4.E-05	1.E+00	1.E-05	3.E-01	3.E-06	8.E-02	2.E-06	4.E-02	7.E-07	2.E-02	3.E-03	7.E+01	6.E-05	2.E+00
Ni63	3.E-02	1.E+02	5.E-02	2.E+02	3.E-02	1.E+02	1.E-02	5.E+01	5.E-03	2.E+01	8.E-01	3.E+03	2.E-02	6.E+01
Np237	2.E-01	3.E-02	5.E-01	8.E-02	2.E-01	3.E-02	1.E-01	2.E-02	5.E-02	8.E-03	1.E+01	2.E+00	4.E-02	7.E-03
Np239	6.E-12	3.E-04	6.E-13	3.E-05	7.E-14	4.E-06	1.E-14	7.E-07	6.E-14	3.E-06	1.E-08	7.E-01	1.E-10	6.E-03
Pa231	2.E-04	3.E-03	2.E-05	2.E-04	5.E-05	5.E-04	1.E-05	1.E-04	5.E-05	5.E-04	8.E-05	8.E-04	3.E-06	4.E-05
Pa233	6.E-09	3.E-02	2.E-08	8.E-02	6.E-09	3.E-02	4.E-09	2.E-02	2.E-09	8.E-03	5.E-07	2.E+00	2.E-09	8.E-03
Pa234m	6.E-10	1.E+02	2.E-11	3.E+00	1.E-10	2.E+01	2.E-11	3.E+00	1.E-10	2.E+01	5.E-11	8.E+00	2.E-12	2.E-01
Pb209	7.E-18	6.E-09	1.E-17	1.E-08	7.E-19	7.E-10	9.E-18	9.E-09	1.E-17	1.E-08	3.E-16	3.E-07	5.E-18	5.E-09
Pb210	5.E-14	8.E-10	1.E-14	2.E-10	1.E-14	2.E-10	2.E-15	4.E-11	1.E-14	2.E-10	1.E-14	2.E-10	1.E-14	2.E-10
Pb211	2.E-13	1.E-03	2.E-14	1.E-04	4.E-14	2.E-04	9.E-15	4.E-05	3.E-14	2.E-04	8.E-14	4.E-04	4.E-15	2.E-05
Pb214	7.E-19	5.E-09	1.E-19	7.E-10	1.E-19	8.E-10	3.E-20	2.E-10	1.E-19	9.E-10	1.E-19	8.E-10	2.E-19	1.E-09
Pd107	2.E-01	1.E-02	7.E-01	4.E-02	4.E-01	2.E-02	2.E-01	9.E-03	7.E-02	4.E-03	4.E+01	2.E+00	7.E-02	4.E-03
Po210	9.E-16	8.E-10	2.E-16	2.E-10	2.E-16	2.E-10	4.E-17	4.E-11	2.E-16	2.E-10	2.E-16	2.E-10	2.E-16	2.E-10
Po213	2.E-27	6.E-09	5.E-27	1.E-08	3.E-28	7.E-10	3.E-27	9.E-09	3.E-27	9.E-09	1.E-25	3.E-07	2.E-27	5.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-113 MOLES	TANK TX-113 CURIES	TANK TX-114 MOLES	TANK TX-114 CURIES	TANK TX-115 MOLES	TANK TX-115 CURIES	TANK TX-116 MOLES	TANK TX-116 CURIES	TANK TX-117 MOLES	TANK TX-117 CURIES	TANK TX-118 MOLES	TANK TX-118 CURIES	TANK TY-101 MOLES	TANK TY-101 CURIES
Po214	8.E-26	6.E-09	1.E-26	9.E-10	1.E-26	1.E-09	3.E-27	2.E-10	2.E-26	1.E-09	1.E-26	1.E-09	2.E-26	2.E-09
Po215	2.E-19	1.E-03	2.E-20	1.E-04	3.E-20	2.E-04	7.E-21	5.E-05	3.E-20	2.E-04	6.E-20	4.E-04	3.E-21	2.E-05
Po218	8.E-20	5.E-09	1.E-20	7.E-10	1.E-20	8.E-10	3.E-21	2.E-10	2.E-20	9.E-10	1.E-20	8.E-10	2.E-20	1.E-09
Pu238	7.E-05	3.E-01	3.E-05	1.E-01	2.E-05	6.E-02	9.E-07	4.E-03	6.E-06	2.E-02	5.E-03	2.E+01	9.E-03	4.E+01
Pu239	3.E+00	5.E+01	3.E-01	5.E+00	4.E-02	5.E-01	4.E-11	6.E-10	2.E-10	3.E-09	6.E+01	9.E+02	1.E+01	2.E+02
Pu240	1.E-01	8.E+00	1.E-02	8.E-01	2.E-03	9.E-02	1.E-08	7.E-07	2.E-07	1.E-05	4.E+00	2.E+02	7.E-01	4.E+01
Pu241	2.E-03	4.E+01	2.E-04	4.E+00	2.E-05	5.E-01	5.E-14	1.E-09	9.E-13	2.E-08	2.E-01	6.E+03	2.E-02	4.E+02
Ra223	8.E-11	1.E-03	8.E-12	1.E-04	2.E-11	2.E-04	4.E-12	4.E-05	2.E-11	2.E-04	3.E-11	4.E-04	2.E-12	2.E-05
Ra225	7.E-16	6.E-09	2.E-15	1.E-08	8.E-17	7.E-10	1.E-15	9.E-09	1.E-15	1.E-08	3.E-14	3.E-07	6.E-16	5.E-09
Ra226	2.E-11	5.E-09	3.E-12	7.E-10	4.E-12	8.E-10	8.E-13	2.E-10	4.E-12	9.E-10	4.E-12	8.E-10	5.E-12	1.E-09
Ru106	4.E-10	2.E-04	5.E-11	2.E-05	3.E-09	1.E-03	8.E-13	3.E-07	4.E-12	1.E-06	5.E-06	2.E+00	1.E-08	4.E-03
Sb126	2.E-08	2.E-01	2.E-09	2.E-02	2.E-10	2.E-03	9.E-20	9.E-13	2.E-19	2.E-12	5.E-06	5.E+01	4.E-08	4.E-01
Sb126m	2.E-11	2.E-01	2.E-12	2.E-02	2.E-13	2.E-03	9.E-23	9.E-13	2.E-22	2.E-12	5.E-09	5.E+01	4.E-11	4.E-01
Se79	4.E-02	2.E-01	1.E-01	6.E-01	6.E-02	3.E-01	3.E-02	2.E-01	1.E-02	6.E-02	4.E+00	2.E+01	1.E-02	6.E-02
Sm151	8.E-02	3.E+02	8.E-03	3.E+01	8.E-04	3.E+00	6.E-07	2.E-03	1.E-06	4.E-03	1.E+01	6.E+04	1.E-01	5.E+02
Sn126	5.E-02	2.E-01	5.E-03	2.E-02	6.E-04	2.E-03	3.E-13	9.E-13	5.E-13	2.E-12	1.E+01	5.E+01	1.E-01	4.E-01
Sr90	8.E-01	1.E+04	8.E-02	9.E+02	3.E+00	4.E+04	4.E+00	5.E+04	7.E+00	9.E+04	8.E+01	9.E+05	2.E+00	2.E+04
Tc99	5.E+00	8.E+00	1.E+01	2.E+01	7.E+00	1.E+01	3.E+00	6.E+00	1.E+00	2.E+00	5.E+02	9.E+02	1.E+00	2.E+00
Th227	1.E-10	9.E-04	1.E-11	9.E-05	3.E-11	2.E-04	6.E-12	4.E-05	3.E-11	2.E-04	6.E-11	4.E-04	3.E-12	2.E-05
Th229	1.E-10	6.E-09	3.E-10	1.E-08	1.E-11	7.E-10	2.E-10	9.E-09	2.E-10	1.E-08	6.E-09	3.E-07	1.E-10	5.E-09
Th230	2.E-07	1.E-06	3.E-08	1.E-07	4.E-08	2.E-07	9.E-09	4.E-08	5.E-08	2.E-07	4.E-08	2.E-07	7.E-08	3.E-07
Th231	3.E-08	4.E+00	1.E-09	1.E-01	6.E-09	7.E-01	1.E-09	1.E-01	7.E-09	9.E-01	3.E-09	3.E-01	9.E-11	1.E-02
Th234	2.E-05	1.E+02	6.E-07	3.E+00	3.E-06	2.E+01	6.E-07	3.E+00	4.E-06	2.E+01	1.E-06	8.E+00	5.E-08	2.E-01
Tl207	2.E-14	1.E-03	2.E-15	1.E-04	5.E-15	2.E-04	1.E-15	4.E-05	5.E-15	2.E-04	1.E-14	4.E-04	5.E-16	2.E-05
U233	2.E-06	4.E-06	5.E-06	1.E-05	4.E-07	1.E-06	2.E-06	5.E-06	2.E-06	5.E-06	8.E-05	2.E-04	2.E-06	4.E-06
U234	6.E-03	9.E-03	4.E-04	6.E-04	1.E-03	1.E-03	2.E-04	3.E-04	1.E-03	2.E-03	7.E-04	1.E-03	2.E-03	3.E-03
U235	8.E+03	4.E+00	3.E+02	1.E-01	1.E+03	7.E-01	3.E+02	1.E-01	2.E+03	9.E-01	6.E+02	3.E-01	2.E+01	1.E-02
U238	1.E+06	1.E+02	4.E+04	3.E+00	2.E+05	2.E+01	4.E+04	3.E+00	3.E+05	2.E+01	9.E+04	8.E+00	3.E+03	2.E-01
Y90	2.E-04	1.E+04	2.E-05	1.E+03	8.E-04	4.E+04	1.E-03	5.E+04	2.E-03	9.E+04	2.E-02	1.E+06	4.E-04	2.E+04
Zr93	5.E+00	1.E+00	5.E-01	1.E-01	6.E-02	1.E-02	0.	0.	0.	0.	0.	0.	9.E+00	2.E+00
Ag	7.E-07	0.	2.E-06	0.	1.E-06	0.	5.E-07	0.	2.E-07	0.	1.E-04	0.	2.E-07	0.
Al	5.E+05	0.	1.E+05	0.	5.E+05	0.	1.E+05	0.	5.E+04	0.	7.E+06	0.	2.E+04	0.
Ba	3.E+00	0.	7.E+00	0.	1.E+00	0.	3.E+00	0.	3.E+00	0.	7.E+01	0.	3.E+00	0.
Bi	1.E+05	0.	1.E+04	0.	1.E+03	0.	2.E-12	0.	4.E-07	0.	4.E-04	0.	8.E+04	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.E+04	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-113 MOLES	TANK TX-113 CURIES	TANK TX-114 MOLES	TANK TX-114 CURIES	TANK TX-115 MOLES	TANK TX-115 CURIES	TANK TX-116 MOLES	TANK TX-116 CURIES	TANK TX-117 MOLES	TANK TX-117 CURIES	TANK TX-118 MOLES	TANK TX-118 CURIES	TANK TY-101 MOLES	TANK TY-101 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.E+05	0.	0.	0.
CO3	1.E+06	0.	3.E+06	0.	1.E+06	0.	7.E+05	0.	1.E+06	0.	1.E+07	0.	2.E+05	0.
Ca	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-02	0.	0.	0.
Ce	5.E+02	0.	1.E+02	0.	2.E+02	0.	1.E+02	0.	5.E+01	0.	5.E+02	0.	2.E+01	0.
Cl	3.E-04	0.	8.E-04	0.	3.E-04	0.	2.E-04	0.	8.E-05	0.	1.E-03	0.	6.E-05	0.
Cr	1.E+04	0.	1.E+03	0.	2.E+02	0.	5.E-12	0.	5.E-08	0.	1.E+02	0.	1.E+04	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+05	0.	0.	0.
F	1.E+06	0.	1.E+04	0.	4.E+05	0.	2.E+06	0.	3.E+06	0.	3.E+06	0.	3.E+04	0.
Fe	2.E+05	0.	2.E+04	0.	2.E+03	0.	2.E-19	0.	1.E-18	0.	2.E+05	0.	2.E+05	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E+03	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+05	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-25	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+04	0.	0.	0.
NO2	4.E+05	0.	1.E+05	0.	2.E+05	0.	8.E+04	0.	3.E+04	0.	5.E+06	0.	1.E+04	0.
NO3	5.E+06	0.	2.E+06	0.	4.E+06	0.	1.E+07	0.	8.E+06	0.	2.E+08	0.	5.E+06	0.
Na	2.E+07	0.	9.E+06	0.	6.E+06	0.	3.E+07	0.	3.E+07	0.	2.E+08	0.	5.E+06	0.
Ni	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	0.	0.
OH	8.E+05	0.	8.E+04	0.	1.E+04	0.	5.E+03	0.	7.E+03	0.	9.E+04	0.	6.E+05	0.
PO4	3.E+06	0.	5.E+05	0.	2.E+05	0.	4.E+06	0.	5.E+06	0.	2.E+06	0.	1.E+05	0.
Pb	2.E-08	0.	3.E-09	0.	4.E-09	0.	1.E-09	0.	4.E-09	0.	3.E+01	0.	7.E-10	0.
SiO3	5.E+05	0.	2.E+04	0.	2.E+05	0.	2.E+06	0.	6.E+05	0.	6.E+05	0.	3.E+03	0.
SO4	4.E+05	0.	7.E+05	0.	2.E+05	0.	2.E+05	0.	8.E+04	0.	4.E+06	0.	5.E+04	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E+00	0.	0.	0.
ZrO	3.E+04	0.	3.E+03	0.	4.E+02	0.	4.E+00	0.	8.E+00	0.	3.E+01	0.	3.E+04	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK TY-102 MOLES	TANK TY-102 CURIES	TANK TY-103 MOLES	TANK TY-103 CURIES	TANK TY-104 MOLES	TANK TY-104 CURIES	TANK TY-105 MOLES	TANK TY-105 CURIES	TANK TY-106 MOLES	TANK TY-106 CURIES	TANK U-101 MOLES	TANK U-101 CURIES	TANK U-102 MOLES	TANK U-102 CURIES
Ac225	2.E-15	2.E-08	7.E-15	9.E-08	2.E-16	3.E-09	8.E-16	1.E-08	3.E-16	4.E-09	9.E-16	1.E-08	6.E-16	8.E-09
Ac227	5.E-09	9.E-05	9.E-09	1.E-04	8.E-11	1.E-06	8.E-09	1.E-04	2.E-10	4.E-06	1.E-09	2.E-05	1.E-09	2.E-05
Am241	3.E-04	2.E-01	4.E-02	4.E+01	3.E-03	2.E+00	3.E-02	2.E+01	3.E-03	3.E+00	1.E-02	9.E+00	7.E-03	6.E+00
Am242	3.E-14	6.E-06	5.E-12	9.E-04	2.E-13	4.E-05	3.E-10	6.E-02	3.E-11	6.E-03	2.E-13	3.E-05	5.E-11	9.E-03
Am242m	2.E-09	6.E-06	4.E-07	9.E-04	2.E-08	4.E-05	2.E-05	6.E-02	3.E-06	6.E-03	1.E-08	3.E-05	4.E-06	9.E-03
Am243	6.E-07	3.E-05	8.E-05	4.E-03	7.E-06	3.E-04	4.E-05	2.E-03	5.E-06	2.E-04	1.E-04	6.E-03	5.E-05	2.E-03
At217	7.E-23	2.E-08	2.E-22	9.E-08	8.E-24	3.E-09	3.E-23	1.E-08	1.E-23	4.E-09	3.E-23	1.E-08	2.E-23	8.E-09
Ba137m	1.E-06	8.E+04	2.E-06	2.E+05	2.E-08	2.E+03	4.E-07	3.E+04	3.E-15	2.E-04	9.E-07	7.E+04	2.E-06	2.E+05
Bi210	1.E-19	4.E-12	3.E-17	8.E-10	3.E-19	8.E-12	1.E-17	3.E-10	1.E-18	3.E-11	5.E-19	1.E-11	1.E-19	3.E-12
Bi211	1.E-15	9.E-05	2.E-15	1.E-04	2.E-17	1.E-06	2.E-15	1.E-04	5.E-17	4.E-06	2.E-16	2.E-05	2.E-16	2.E-05
Bi213	6.E-18	2.E-08	2.E-17	9.E-08	7.E-19	3.E-09	3.E-18	1.E-08	1.E-18	4.E-09	3.E-18	1.E-08	2.E-18	9.E-09
Bi214	2.E-21	2.E-11	5.E-19	5.E-09	4.E-21	4.E-11	1.E-19	1.E-09	1.E-20	1.E-10	8.E-21	8.E-11	1.E-21	1.E-11
C14	1.E+00	7.E+01	3.E+00	2.E+02	4.E-03	3.E-01	2.E-01	2.E+01	2.E-03	1.E-01	2.E-01	1.E+01	4.E-01	3.E+01
Cm242	6.E-12	5.E-06	9.E-10	7.E-04	4.E-11	3.E-05	6.E-08	5.E-02	7.E-09	5.E-03	4.E-11	3.E-05	1.E-08	8.E-03
Cm244	8.E-06	2.E-01	2.E-05	5.E-01	2.E-08	3.E-04	1.E-08	3.E-04	1.E-16	2.E-12	5.E-07	1.E-02	1.E-06	3.E-02
Cm245	7.E-08	3.E-06	2.E-07	9.E-06	2.E-10	9.E-09	1.E-10	5.E-09	9.E-19	4.E-17	7.E-09	3.E-07	3.E-08	1.E-06
Cs135	3.E+00	5.E-01	3.E+00	5.E-01	7.E-02	1.E-02	3.E+00	4.E-01	1.E-08	2.E-09	3.E+00	4.E-01	8.E+00	1.E+00
Cs137	7.E+00	9.E+04	1.E+01	2.E+05	2.E-01	2.E+03	3.E+00	3.E+04	2.E-08	2.E-04	6.E+00	7.E+04	2.E+01	2.E+05
Fr221	6.E-19	2.E-08	2.E-18	9.E-08	7.E-20	3.E-09	3.E-19	1.E-08	1.E-19	4.E-09	3.E-19	1.E-08	2.E-19	8.E-09
Fr223	1.E-16	1.E-06	2.E-16	2.E-06	2.E-18	2.E-08	2.E-16	2.E-06	7.E-18	6.E-08	3.E-17	3.E-07	3.E-17	2.E-07
I129	2.E+01	4.E-01	5.E+01	1.E+00	3.E-02	7.E-04	6.E-01	1.E-02	4.E-09	9.E-11	1.E+00	3.E-02	3.E+00	7.E-02
Nb93m	2.E-04	5.E+00	7.E-04	2.E+01	2.E-05	5.E-01	6.E-04	2.E+01	6.E-05	2.E+00	4.E-05	1.E+00	3.E-05	7.E-01
Ni63	3.E-02	1.E+02	1.E-04	4.E-01	9.E-04	3.E+00	8.E-02	3.E+02	4.E-10	2.E-06	5.E-02	2.E+02	1.E-02	5.E+01
Np237	3.E+00	6.E-01	9.E+00	2.E+00	9.E-03	2.E-03	2.E-01	3.E-02	1.E-04	2.E-05	5.E-01	8.E-02	1.E+00	2.E-01
Np239	5.E-13	3.E-05	7.E-11	4.E-03	6.E-12	3.E-04	3.E-11	2.E-03	4.E-12	2.E-04	1.E-10	6.E-03	4.E-11	2.E-03
Pa231	1.E-05	2.E-04	3.E-05	3.E-04	4.E-07	4.E-06	3.E-05	3.E-04	1.E-06	1.E-05	5.E-06	6.E-05	3.E-06	3.E-05
Pa233	1.E-07	6.E-01	3.E-07	2.E+00	3.E-10	2.E-03	7.E-09	3.E-02	5.E-12	2.E-05	2.E-08	8.E-02	3.E-08	2.E-01
Pa234m	4.E-14	7.E-03	1.E-11	2.E+00	1.E-12	2.E-01	3.E-11	5.E+00	3.E-12	5.E-01	1.E-11	2.E+00	3.E-20	5.E-09
Pb209	2.E-17	2.E-08	9.E-17	9.E-08	3.E-18	3.E-09	1.E-17	1.E-08	4.E-18	4.E-09	1.E-17	1.E-08	9.E-18	8.E-09
Pb210	2.E-16	3.E-12	5.E-14	8.E-10	5.E-16	8.E-12	2.E-14	3.E-10	2.E-15	3.E-11	8.E-16	1.E-11	2.E-16	3.E-12
Pb211	2.E-14	9.E-05	3.E-14	1.E-04	3.E-16	1.E-06	3.E-14	1.E-04	8.E-16	4.E-06	4.E-15	2.E-05	3.E-15	2.E-05
Pb214	3.E-21	2.E-11	7.E-19	5.E-09	5.E-21	4.E-11	2.E-19	1.E-09	2.E-20	1.E-10	1.E-20	8.E-11	2.E-21	1.E-11
Pd107	1.E+01	7.E-01	3.E+01	2.E+00	2.E-02	1.E-03	3.E-01	2.E-02	2.E-09	1.E-10	8.E-01	4.E-02	2.E+00	1.E-01
Po210	4.E-18	3.E-12	8.E-16	8.E-10	8.E-18	7.E-12	3.E-16	3.E-10	3.E-17	3.E-11	1.E-17	1.E-11	3.E-18	3.E-12
Po213	9.E-27	2.E-08	3.E-26	9.E-08	1.E-27	3.E-09	4.E-27	1.E-08	2.E-27	4.E-09	4.E-27	1.E-08	3.E-27	8.E-09

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TY-102 MOLES	TANK TY-102 CURIES	TANK TY-103 MOLES	TANK TY-103 CURIES	TANK TY-104 MOLES	TANK TY-104 CURIES	TANK TY-105 MOLES	TANK TY-105 CURIES	TANK TY-106 MOLES	TANK TY-106 CURIES	TANK U-101 MOLES	TANK U-101 CURIES	TANK U-102 MOLES	TANK U-102 CURIES
Po214	3.E-28	2.E-11	8.E-26	6.E-09	7.E-28	5.E-11	2.E-26	1.E-09	2.E-27	1.E-10	1.E-27	1.E-10	2.E-28	1.E-11
Po215	1.E-20	9.E-05	2.E-20	1.E-04	2.E-22	1.E-06	2.E-20	1.E-04	7.E-22	4.E-06	3.E-21	2.E-05	3.E-21	2.E-05
Po218	3.E-22	2.E-11	8.E-20	5.E-09	6.E-22	4.E-11	2.E-20	1.E-09	2.E-21	1.E-10	1.E-21	8.E-11	2.E-22	1.E-11
Pu238	1.E-04	6.E-01	3.E-02	1.E+02	2.E-04	6.E-01	1.E-04	5.E-01	2.E-05	6.E-02	6.E-05	2.E-01	5.E-07	2.E-03
Pu239	2.E-01	3.E+00	2.E+01	3.E+02	5.E-01	8.E+00	5.E+00	7.E+01	5.E-01	8.E+00	1.E-01	2.E+00	8.E-07	1.E-05
Pu240	1.E-02	6.E-01	7.E-01	4.E+01	3.E-02	2.E+00	1.E-01	8.E+00	2.E-02	9.E-01	6.E-03	4.E-01	1.E-06	7.E-05
Pu241	2.E-04	6.E+00	1.E-02	3.E+02	7.E-04	2.E+01	1.E-03	3.E+01	1.E-04	4.E+00	2.E-04	4.E+00	1.E-09	3.E-05
Ra223	7.E-12	9.E-05	1.E-11	1.E-04	1.E-13	1.E-06	1.E-11	1.E-04	4.E-13	4.E-06	2.E-12	2.E-05	1.E-12	2.E-05
Ra225	3.E-15	2.E-08	1.E-14	9.E-08	3.E-16	3.E-09	1.E-15	1.E-08	5.E-16	4.E-09	1.E-15	1.E-08	1.E-15	9.E-09
Ra226	8.E-14	2.E-11	2.E-11	5.E-09	2.E-13	4.E-11	5.E-12	1.E-09	5.E-13	1.E-10	4.E-13	8.E-11	5.E-14	1.E-11
Ru106	4.E-09	2.E-03	2.E-08	8.E-03	3.E-10	1.E-04	3.E-09	9.E-04	3.E-10	9.E-05	1.E-08	4.E-03	7.E-08	2.E-02
Sb126	5.E-10	5.E-03	1.E-07	1.E+00	1.E-08	1.E-01	3.E-07	3.E+00	3.E-08	3.E-01	3.E-08	3.E-01	2.E-08	2.E-01
Sb126m	5.E-13	5.E-03	1.E-10	1.E+00	1.E-11	1.E-01	3.E-10	3.E+00	3.E-11	3.E-01	3.E-11	3.E-01	2.E-11	2.E-01
Se79	1.E+00	7.E+00	4.E+00	2.E+01	2.E-03	1.E-02	5.E-02	3.E-01	2.E-10	1.E-09	9.E-02	5.E-01	2.E-01	1.E+00
Sm151	2.E-03	9.E+00	7.E-01	3.E+03	7.E-02	3.E+02	2.E+00	7.E+03	2.E-01	8.E+02	1.E-01	4.E+02	5.E-02	2.E+02
Sn126	1.E-03	5.E-03	3.E-01	1.E+00	3.E-02	1.E-01	9.E-01	3.E+00	1.E-01	3.E-01	8.E-02	3.E-01	5.E-02	2.E-01
Sr90	1.E+00	1.E+04	1.E+01	1.E+05	6.E-01	8.E+03	3.E+01	3.E+05	9.E-01	1.E+04	1.E+00	2.E+04	5.E+00	6.E+04
Tc99	1.E+02	2.E+02	4.E+02	7.E+02	3.E-01	4.E-01	6.E+00	1.E+01	3.E-08	5.E-08	1.E+01	2.E+01	3.E+01	5.E+01
Th227	1.E-11	8.E-05	2.E-11	1.E-04	2.E-13	1.E-06	2.E-11	1.E-04	6.E-13	4.E-06	3.E-12	2.E-05	2.E-12	2.E-05
Th229	5.E-10	2.E-08	2.E-09	9.E-08	6.E-11	3.E-09	2.E-10	1.E-08	9.E-11	4.E-09	2.E-10	1.E-08	2.E-10	9.E-09
Th230	1.E-09	5.E-09	3.E-07	1.E-06	2.E-09	9.E-09	3.E-08	1.E-07	4.E-09	2.E-08	5.E-09	2.E-08	8.E-11	4.E-10
Th231	2.E-12	3.E-04	6.E-10	8.E-02	8.E-11	1.E-02	2.E-09	2.E-01	2.E-10	2.E-02	9.E-10	1.E-01	2.E-18	2.E-10
Th234	1.E-09	7.E-03	3.E-07	2.E+00	4.E-08	2.E-01	9.E-07	5.E+00	1.E-07	5.E-01	4.E-07	2.E+00	9.E-16	5.E-09
Tl207	2.E-15	9.E-05	4.E-15	1.E-04	4.E-17	1.E-06	4.E-15	1.E-04	1.E-16	4.E-06	5.E-16	2.E-05	4.E-16	2.E-05
U233	2.E-05	3.E-05	6.E-05	1.E-04	8.E-07	2.E-06	2.E-06	5.E-06	8.E-07	2.E-06	4.E-06	1.E-05	7.E-06	2.E-05
U234	3.E-05	4.E-05	7.E-03	1.E-02	5.E-05	7.E-05	4.E-04	6.E-04	4.E-05	6.E-05	1.E-04	2.E-04	1.E-07	2.E-07
U235	6.E-01	3.E-04	2.E+02	8.E-02	2.E+01	1.E-02	4.E+02	2.E-01	5.E+01	2.E-02	2.E+02	1.E-01	5.E-07	2.E-10
U238	8.E+01	7.E-03	2.E+04	2.E+00	3.E+03	2.E-01	6.E+04	5.E+00	7.E+03	5.E-01	3.E+04	2.E+00	6.E-05	5.E-09
Y90	3.E-04	2.E+04	3.E-03	1.E+05	2.E-04	8.E+03	7.E-03	3.E+05	2.E-04	1.E+04	3.E-04	2.E+04	1.E-03	7.E+04
Zr93	1.E-01	3.E-02	3.E+01	8.E+00	3.E+00	7.E-01	8.E+01	2.E+01	9.E+00	2.E+00	7.E+00	2.E+00	1.E-08	3.E-09
Ag	2.E-05	0.	6.E-05	0.	4.E-08	0.	1.E-06	0.	8.E-15	0.	2.E-06	0.	5.E-06	0.
Al	1.E+04	0.	1.E+06	0.	3.E+04	0.	2.E+02	0.	3.E+01	0.	4.E+05	0.	1.E+06	0.
Ba	7.E+00	0.	1.E+01	0.	2.E+00	0.	1.E+01	0.	2.E+00	0.	6.E+00	0.	1.E+01	0.
Bi	2.E+03	0.	1.E+05	0.	2.E+03	0.	3.E-13	0.	1.E-13	0.	2.E-13	0.	8.E-14	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.E+01	0.

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TY-102 MOLES	TANK TY-102 CURIES	TANK TY-103 MOLES	TANK TY-103 CURIES	TANK TY-104 MOLES	TANK TY-104 CURIES	TANK TY-105 MOLES	TANK TY-105 CURIES	TANK TY-106 MOLES	TANK TY-106 CURIES	TANK U-101 MOLES	TANK U-101 CURIES	TANK U-102 MOLES	TANK U-102 CURIES
C6H5O7	2.E+04	0.	6.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E+03	0.
CO3	9.E+05	0.	5.E+05	0.	1.E+04	0.	1.E+06	0.	1.E+04	0.	4.E+05	0.	5.E+04	0.
Ca	8.E-05	0.	9.E-04	0.	3.E-07	0.	0.	0.	0.	0.	0.	0.	2.E-03	0.
Ce	2.E+01	0.	1.E+01	0.	8.E+00	0.	1.E-01	0.	5.E-10	0.	5.E-20	0.	2.E+02	0.
Cl	3.E-04	0.	2.E-05	0.	3.E-06	0.	3.E-04	0.	2.E-12	0.	0.	0.	2.E-05	0.
Cr	3.E+02	0.	1.E+04	0.	3.E+02	0.	3.E-16	0.	2.E-24	0.	6.E-06	0.	2.E-02	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.E+01	0.
F	1.E+04	0.	2.E+04	0.	9.E+03	0.	9.E+01	0.	5.E-07	0.	6.E-17	0.	2.E+04	0.
Fe	8.E+03	0.	2.E+05	0.	5.E+03	0.	5.E-01	0.	5.E-02	0.	0.	0.	6.E+02	0.
Fe(CN)6	2.E+00	0.	6.E+00	0.	3.E+00	0.	0.	0.	0.	0.	0.	0.	2.E-03	0.
HEDTA	2.E+01	0.	7.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+02	0.
K	1.E+03	0.	3.E+03	0.	3.E+01	0.	0.	0.	0.	0.	0.	0.	1.E+01	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	7.E+01	0.	2.E+02	0.	1.E-01	0.	0.	0.	0.	0.	0.	0.	2.E+01	0.
NO2	1.E+05	0.	3.E+05	0.	2.E+04	0.	7.E+01	0.	5.E-07	0.	6.E-17	0.	3.E+05	0.
NO3	2.E+06	0.	1.E+06	0.	2.E+05	0.	1.E+06	0.	8.E-03	0.	6.E+06	0.	6.E+06	0.
Na	4.E+06	0.	3.E+06	0.	2.E+05	0.	3.E+06	0.	1.E+06	0.	6.E+06	0.	2.E+06	0.
Ni	2.E-05	0.	4.E-07	0.	6.E-04	0.	0.	0.	0.	0.	0.	0.	1.E-01	0.
OH	2.E+04	0.	4.E+06	0.	2.E+04	0.	2.E+04	0.	4.E+03	0.	8.E+02	0.	2.E+03	0.
PO4	2.E+05	0.	1.E+05	0.	5.E+03	0.	2.E+05	0.	1.E-03	0.	9.E+04	0.	3.E+03	0.
Pb	2.E-09	0.	3.E-09	0.	4.E-11	0.	4.E-09	0.	9.E-11	0.	4.E-10	0.	1.E-03	0.
SiO3	5.E+03	0.	9.E+03	0.	1.E+03	0.	2.E+01	0.	6.E+05	0.	1.E-17	0.	3.E+04	0.
SO4	3.E+05	0.	3.E+05	0.	4.E+03	0.	2.E+05	0.	2.E+00	0.	9.E+04	0.	9.E+04	0.
Sr	3.E-06	0.	4.E-04	0.	2.E-05	0.	0.	0.	0.	0.	0.	0.	5.E-02	0.
ZrO	8.E+02	0.	3.E+04	0.	8.E+02	0.	3.E+01	0.	3.E+00	0.	2.E+00	0.	6.E-01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK U-103 MOLES	TANK U-103 CURIES	TANK U-104 MOLES	TANK U-104 CURIES	TANK U-105 MOLES	TANK U-105 CURIES	TANK U-106 MOLES	TANK U-106 CURIES	TANK U-107 MOLES	TANK U-107 CURIES	TANK U-108 MOLES	TANK U-108 CURIES	TANK U-109 MOLES	TANK U-109 CURIES
Ac225	3.E-15	4.E-08	8.E-24	1.E-16	2.E-16	3.E-09	8.E-16	1.E-08	2.E-15	2.E-08	3.E-16	4.E-09	3.E-16	3.E-09
Ac227	9.E-13	2.E-08	3.E-17	5.E-13	7.E-13	1.E-08	1.E-17	2.E-13	2.E-09	3.E-05	2.E-10	3.E-06	1.E-10	2.E-06
Am241	2.E-07	1.E-04	1.E-10	1.E-07	2.E-04	2.E-01	9.E-10	8.E-07	2.E-01	2.E+02	1.E-02	8.E+00	3.E-04	3.E-01
Am242	1.E-15	3.E-07	2.E-20	4.E-12	3.E-14	6.E-06	5.E-18	1.E-09	1.E-09	2.E-01	5.E-11	1.E-02	2.E-13	5.E-05
Am242m	1.E-10	3.E-07	2.E-15	4.E-12	3.E-09	6.E-06	4.E-13	1.E-09	1.E-04	2.E-01	4.E-06	1.E-02	2.E-08	5.E-05
Am243	1.E-09	7.E-08	1.E-12	5.E-11	1.E-06	6.E-05	7.E-12	4.E-10	2.E-03	9.E-02	5.E-05	3.E-03	4.E-06	2.E-04
Al217	1.E-22	4.E-08	3.E-31	1.E-16	8.E-24	3.E-09	3.E-23	1.E-08	6.E-23	2.E-08	1.E-23	4.E-09	1.E-23	3.E-09
Ba137m	4.E-10	3.E+01	6.E-15	4.E-04	7.E-10	5.E+01	4.E-15	3.E-04	1.E-06	1.E+05	1.E-09	8.E+01	3.E-07	2.E+04
Bi210	1.E-21	3.E-14	2.E-26	6.E-19	3.E-21	7.E-14	7.E-25	2.E-17	1.E-19	3.E-12	7.E-20	2.E-12	2.E-20	5.E-13
Bi211	2.E-19	2.E-08	6.E-24	6.E-13	1.E-19	1.E-08	2.E-24	2.E-13	4.E-16	3.E-05	3.E-17	3.E-06	2.E-17	2.E-06
Bi213	9.E-18	4.E-08	3.E-26	1.E-16	7.E-19	3.E-09	2.E-18	1.E-08	5.E-18	2.E-08	1.E-18	4.E-09	9.E-19	4.E-09
Bi214	2.E-23	2.E-13	3.E-28	3.E-18	7.E-23	7.E-13	2.E-26	2.E-16	4.E-21	4.E-11	2.E-21	1.E-11	3.E-22	3.E-12
C14	6.E-05	4.E-03	3.E-11	2.E-09	1.E-04	7.E-03	9.E-10	6.E-08	1.E-01	8.E+00	2.E-04	1.E-02	5.E-02	3.E+00
Cm242	3.E-13	2.E-07	4.E-18	3.E-12	6.E-12	5.E-06	1.E-15	9.E-10	2.E-07	2.E-01	1.E-08	8.E-03	5.E-11	4.E-05
Cm244	2.E-10	3.E-06	2.E-15	3.E-11	6.E-10	1.E-05	1.E-15	3.E-11	2.E-05	4.E-01	4.E-10	8.E-06	1.E-07	3.E-03
Cm245	2.E-12	6.E-11	2.E-17	7.E-16	1.E-11	6.E-10	1.E-17	6.E-16	4.E-07	2.E-05	4.E-12	2.E-10	2.E-09	6.E-08
Cs135	9.E-04	1.E-04	2.E-08	3.E-09	2.E-03	3.E-04	7.E-09	1.E-09	3.E+00	4.E-01	2.E-03	4.E-04	6.E-01	1.E-01
Cs137	3.E-03	3.E+01	4.E-08	4.E-04	5.E-03	6.E+01	3.E-08	3.E-04	9.E+00	1.E+05	7.E-03	8.E+01	2.E+00	3.E+04
Fr221	1.E-18	4.E-08	3.E-27	1.E-16	7.E-20	3.E-09	3.E-19	1.E-08	6.E-19	2.E-08	1.E-19	4.E-09	9.E-20	3.E-09
Fr223	3.E-20	2.E-10	9.E-25	8.E-15	2.E-20	2.E-10	3.E-25	3.E-15	5.E-17	5.E-07	4.E-18	4.E-08	3.E-18	2.E-08
I129	5.E-04	1.E-05	8.E-09	2.E-10	9.E-04	2.E-05	4.E-09	9.E-11	6.E+00	1.E-01	1.E-03	3.E-05	4.E-01	9.E-03
Nb93m	8.E-09	2.E-04	3.E-12	8.E-08	4.E-07	1.E-02	1.E-12	4.E-08	2.E-04	6.E+00	1.E-05	3.E-01	3.E-06	7.E-02
Ni63	2.E-05	8.E-02	1.E-11	5.E-08	4.E-05	1.E-01	1.E-10	4.E-07	2.E-02	6.E+01	5.E-05	2.E-01	5.E-03	2.E+01
Np237	2.E-04	3.E-05	2.E-09	4.E-10	2.E-04	4.E-05	2.E-09	3.E-10	1.E+00	2.E-01	7.E-04	1.E-04	7.E-02	1.E-02
Np239	1.E-15	7.E-08	9.E-19	5.E-11	1.E-12	6.E-05	6.E-18	3.E-10	2.E-09	9.E-02	5.E-11	3.E-03	3.E-12	2.E-04
Pa231	3.E-09	3.E-08	2.E-13	2.E-12	7.E-09	8.E-08	1.E-13	1.E-12	6.E-06	7.E-05	1.E-06	1.E-05	3.E-07	4.E-06
Pa233	6.E-12	3.E-05	7.E-17	4.E-10	8.E-12	4.E-05	7.E-17	3.E-10	4.E-08	2.E-01	2.E-11	1.E-04	2.E-09	1.E-02
Pa234m	3.E-20	5.E-09	5.E-19	8.E-08	7.E-14	1.E-02	1.E-18	2.E-07	3.E-18	5.E-07	6.E-12	9.E-01	1.E-13	2.E-02
Pb209	4.E-17	4.E-08	1.E-25	1.E-16	3.E-18	3.E-09	1.E-17	1.E-08	2.E-17	2.E-08	5.E-18	4.E-09	4.E-18	3.E-09
Pb210	2.E-18	2.E-14	3.E-23	5.E-19	4.E-18	6.E-14	1.E-21	2.E-17	2.E-16	3.E-12	1.E-16	2.E-12	3.E-17	5.E-13
Pb211	3.E-18	2.E-08	1.E-22	5.E-13	2.E-18	1.E-08	3.E-23	2.E-13	6.E-15	3.E-05	5.E-16	3.E-06	3.E-16	2.E-06
Pb214	3.E-23	2.E-13	5.E-28	3.E-18	1.E-22	7.E-13	3.E-26	2.E-16	6.E-21	4.E-11	2.E-21	1.E-11	4.E-22	3.E-12
Pd107	3.E-04	2.E-05	4.E-09	2.E-10	6.E-04	3.E-05	2.E-09	1.E-10	4.E+00	2.E-01	9.E-04	5.E-05	2.E-01	1.E-02
Po210	2.E-20	2.E-14	5.E-25	5.E-19	6.E-20	6.E-14	2.E-23	1.E-17	3.E-18	3.E-12	2.E-18	2.E-12	5.E-19	5.E-13
Po213	1.E-26	4.E-08	4.E-35	1.E-16	1.E-27	3.E-09	4.E-27	1.E-08	8.E-27	2.E-08	2.E-27	4.E-09	1.E-27	3.E-09

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ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-103 MOLES	TANK U-103 CURIES	TANK U-104 MOLES	TANK U-104 CURIES	TANK U-105 MOLES	TANK U-105 CURIES	TANK U-106 MOLES	TANK U-106 CURIES	TANK U-107 MOLES	TANK U-107 CURIES	TANK U-108 MOLES	TANK U-108 CURIES	TANK U-109 MOLES	TANK U-109 CURIES
Po214	4.E-30	3.E-13	6.E-35	4.E-18	1.E-29	8.E-13	4.E-33	2.E-16	7.E-28	5.E-11	3.E-28	2.E-11	6.E-29	4.E-12
Po215	2.E-24	2.E-08	9.E-29	6.E-13	2.E-24	1.E-08	3.E-29	2.E-13	5.E-21	3.E-05	4.E-22	3.E-06	3.E-22	2.E-08
Po218	4.E-24	2.E-13	5.E-29	3.E-18	1.E-23	7.E-13	3.E-27	2.E-16	6.E-22	4.E-11	2.E-22	1.E-11	5.E-23	3.E-12
Pu238	4.E-06	2.E-02	6.E-12	2.E-08	2.E-06	1.E-02	4.E-09	2.E-05	3.E-06	1.E-02	1.E-04	4.E-01	1.E-05	4.E-02
Pu239	3.E-10	4.E-09	7.E-09	1.E-07	3.E-03	5.E-02	1.E-08	2.E-07	5.E-06	7.E-05	8.E-01	1.E+01	4.E-03	6.E-02
Pu240	3.E-06	2.E-04	5.E-10	3.E-08	2.E-04	1.E-02	8.E-07	4.E-05	2.E-06	1.E-04	6.E-02	3.E+00	2.E-04	1.E-02
Pu241	2.E-11	5.E-07	9.E-12	2.E-07	4.E-06	1.E-01	3.E-11	8.E-07	2.E-08	5.E-04	3.E-03	6.E+01	4.E-06	1.E-01
Ra223	1.E-15	2.E-08	5.E-20	5.E-13	1.E-15	1.E-08	2.E-20	2.E-13	3.E-12	3.E-05	2.E-13	3.E-06	2.E-13	2.E-06
Ra225	4.E-15	4.E-08	1.E-23	1.E-16	3.E-16	3.E-09	1.E-15	1.E-08	2.E-15	2.E-08	5.E-16	4.E-09	4.E-16	3.E-09
Ra226	1.E-15	2.E-13	1.E-20	3.E-18	3.E-15	7.E-13	9.E-19	2.E-16	2.E-13	4.E-11	7.E-14	1.E-11	1.E-14	3.E-12
Ru106	1.E-11	4.E-06	1.E-16	4.E-11	2.E-13	6.E-08	1.E-14	4.E-09	4.E-08	1.E-02	2.E-06	6.E-01	2.E-10	6.E-05
Sb126	8.E-17	8.E-10	1.E-15	1.E-08	6.E-10	8.E-03	3.E-15	3.E-08	3.E-07	3.E+00	1.E-08	1.E-01	1.E-09	1.E-02
Sb126m	8.E-20	8.E-10	1.E-18	1.E-08	6.E-13	6.E-03	3.E-18	3.E-08	3.E-10	3.E+00	1.E-11	1.E-01	1.E-12	1.E-02
Se79	4.E-05	2.E-04	5.E-10	3.E-09	7.E-05	4.E-04	2.E-10	1.E-09	5.E-01	3.E+00	1.E-04	5.E-04	3.E-02	2.E-01
Sm151	3.E-09	1.E-05	2.E-09	7.E-06	2.E-03	8.E+00	7.E-09	3.E-05	1.E+00	4.E+03	3.E-02	1.E+02	5.E-03	2.E+01
Sn126	2.E-10	8.E-10	4.E-09	1.E-08	2.E-03	6.E-03	8.E-09	3.E-08	1.E+00	3.E+00	3.E-02	1.E-01	4.E-03	1.E-02
Sr90	2.E-04	3.E+00	4.E-08	4.E-04	3.E-04	4.E+00	2.E-07	3.E-03	8.E+00	9.E+04	5.E+00	6.E+04	9.E-02	1.E+03
Tc99	4.E-03	7.E-03	7.E-08	1.E-07	8.E-03	1.E-02	3.E-08	5.E-08	5.E+01	9.E+01	1.E-02	2.E-02	3.E+00	6.E+00
Th227	2.E-15	1.E-08	8.E-20	5.E-13	2.E-15	1.E-08	2.E-20	2.E-13	4.E-12	3.E-05	3.E-13	2.E-06	2.E-13	2.E-06
Th229	8.E-10	4.E-08	2.E-18	1.E-16	5.E-11	3.E-09	2.E-10	1.E-08	4.E-10	2.E-08	9.E-11	4.E-09	7.E-11	3.E-09
Th230	2.E-11	1.E-10	2.E-16	9.E-16	6.E-11	3.E-10	2.E-14	1.E-13	1.E-09	6.E-09	1.E-09	6.E-09	2.E-10	7.E-10
Th231	2.E-18	2.E-10	3.E-17	4.E-09	4.E-12	5.E-04	7.E-17	9.E-09	1.E-16	2.E-08	4.E-10	5.E-02	7.E-12	9.E-04
Th234	9.E-16	5.E-09	1.E-14	8.E-08	2.E-09	1.E-02	3.E-14	2.E-07	9.E-14	5.E-07	2.E-07	9.E-01	4.E-09	2.E-02
Tl207	4.E-19	2.E-08	1.E-23	5.E-13	3.E-19	1.E-08	4.E-24	2.E-13	8.E-16	3.E-05	6.E-17	3.E-06	4.E-17	2.E-08
U233	1.E-05	3.E-05	3.E-14	7.E-14	5.E-07	1.E-06	3.E-06	8.E-06	3.E-06	7.E-06	1.E-06	3.E-06	6.E-07	1.E-06
U234	7.E-07	1.E-06	5.E-12	8.E-12	8.E-07	1.E-06	7.E-10	1.E-09	5.E-07	8.E-07	5.E-05	7.E-05	2.E-06	3.E-06
U235	5.E-07	2.E-10	8.E-06	4.E-09	9.E-01	5.E-04	2.E-05	9.E-09	3.E-05	2.E-08	1.E+02	5.E-02	2.E+00	9.E-04
U238	6.E-05	5.E-09	1.E-03	8.E-08	1.E+02	1.E-02	2.E-03	2.E-07	6.E-03	5.E-07	1.E+04	9.E-01	3.E+02	2.E-02
Y90	5.E-08	3.E+00	9.E-12	5.E-04	8.E-08	4.E+00	5.E-11	3.E-03	2.E-03	1.E+05	1.E-03	6.E+04	2.E-05	1.E+03
Zr93	3.E-08	7.E-09	5.E-07	1.E-07	2.E-01	4.E-02	7.E-09	2.E-09	1.E-06	2.E-07	3.E+00	6.E-01	3.E-01	8.E-02
Ag	8.E-10	0.	1.E-14	0.	1.E-09	0.	8.E-15	0.	2.E-06	0.	2.E-09	0.	5.E-07	0.
Al	8.E+02	0.	0.	0.	1.E+03	0.	2.E+02	0.	6.E+05	0.	2.E+05	0.	2.E+05	0.
Ba	2.E+01	0.	3.E-08	0.	3.E+00	0.	5.E+00	0.	5.E+00	0.	6.E+00	0.	4.E+00	0.
Bi	4.E-13	0.	2.E-21	0.	3.E-14	0.	1.E-13	0.	2.E-13	0.	7.E-14	0.	7.E-14	0.
C2H3O3	0.	0.	0.	0.	0.	0.	8.E-06	0.	5.E+03	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-103 MOLES	TANK U-103 CURIES	TANK U-104 MOLES	TANK U-104 CURIES	TANK U-105 MOLES	TANK U-105 CURIES	TANK U-106 MOLES	TANK U-106 CURIES	TANK U-107 MOLES	TANK U-107 CURIES	TANK U-108 MOLES	TANK U-108 CURIES	TANK U-109 MOLES	TANK U-109 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	2.E-13	0.	6.E+04	0.	0.	0.	0.	0.
CO3	5.E-01	0.	4.E-03	0.	8.E+00	0.	1.E-03	0.	5.E+04	0.	1.E+00	0.	2.E+03	0.
Ca	2.E-13	0.	0.	0.	0.	0.	5.E-20	0.	2.E-04	0.	0.	0.	0.	0.
Ce	5.E-04	0.	0.	0.	0.	0.	4.E-16	0.	4.E+01	0.	1.E-03	0.	4.E-01	0.
Cl	1.E-15	0.	0.	0.	0.	0.	3.E-20	0.	8.E-05	0.	0.	0.	0.	0.
Cr	2.E-13	0.	0.	0.	8.E-17	0.	7.E-15	0.	8.E+00	0.	2.E-17	0.	5.E-14	0.
EDTA	0.	0.	0.	0.	0.	0.	8.E-06	0.	7.E+03	0.	0.	0.	0.	0.
F	4.E-01	0.	0.	0.	0.	0.	5.E-13	0.	2.E+04	0.	2.E+05	0.	1.E+04	0.
Fe	7.E-32	0.	0.	0.	0.	0.	4.E-06	0.	1.E+04	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	5.E-13	0.	1.E-03	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	2.E-05	0.	1.E+04	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	7.E-09	0.	5.E+03	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	2.E-15	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	1.E-06	0.	2.E+03	0.	0.	0.	0.	0.
NO2	6.E+02	0.	0.	0.	9.E+02	0.	5.E-07	0.	4.E+05	0.	2.E+03	0.	1.E+05	0.
NO3	9.E+06	0.	6.E-04	0.	6.E+03	0.	3.E-02	0.	2.E+06	0.	1.E+07	0.	2.E+06	0.
Na	9.E+06	0.	2.E+06	0.	4.E+03	0.	9.E+01	0.	5.E+05	0.	1.E+07	0.	1.E+06	0.
Ni	0.	0.	0.	0.	0.	0.	1.E-14	0.	2.E+02	0.	0.	0.	0.	0.
OH	4.E+02	0.	5.E+01	0.	1.E+03	0.	6.E+02	0.	6.E+03	0.	7.E+05	0.	1.E+03	0.
PO4	7.E-01	0.	1.E-03	0.	2.E+00	0.	1.E-04	0.	7.E+03	0.	2.E+00	0.	9.E+02	0.
Pb	4.E-12	0.	9.E-18	0.	1.E-12	0.	1.E-12	0.	1.E-03	0.	3.E-11	0.	4.E-11	0.
SiO3	1.E+01	0.	1.E+06	0.	2.E+01	0.	1.E-08	0.	2.E+03	0.	3.E+01	0.	2.E+03	0.
SO4	2.E+01	0.	1.E-03	0.	8.E+00	0.	5.E+00	0.	1.E+04	0.	8.E+00	0.	3.E+03	0.
Sr	0.	0.	0.	0.	0.	0.	7.E-09	0.	2.E+00	0.	0.	0.	0.	0.
ZrO	4.E-05	0.	6.E-08	0.	2.E-01	0.	1.E+00	0.	7.E-01	0.	5.E+00	0.	1.E-01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK U-110 MOLES	TANK U-110 CURIES	TANK U-111 MOLES	TANK U-111 CURIES	TANK U-112 MOLES	TANK U-112 CURIES	TANK U-201 MOLES	TANK U-201 CURIES	TANK U-202 MOLES	TANK U-202 CURIES	TANK U-203 MOLES	TANK U-203 CURIES	TANK U-204 MOLES	TANK U-204 CURIES
Ac225	9.E-16	1.E-08	2.E-15	2.E-08	1.E-15	2.E-08	2.E-16	2.E-09	2.E-16	3.E-09	2.E-16	2.E-09	5.E-17	6.E-10
Ac227	1.E-08	2.E-04	7.E-10	1.E-05	5.E-10	8.E-06	7.E-11	1.E-06	8.E-11	1.E-06	7.E-11	1.E-06	2.E-11	3.E-07
Am241	1.E-01	9.E+01	5.E-02	5.E+01	6.E-04	5.E-01	2.E-07	1.E-04	2.E-07	1.E-04	1.E-07	1.E-04	4.E-08	4.E-05
Am242	4.E-10	8.E-02	3.E-10	6.E-02	2.E-12	5.E-04	2.E-15	4.E-07	7.E-16	1.E-07	6.E-16	1.E-07	3.E-16	5.E-08
Am242m	3.E-05	8.E-02	3.E-05	6.E-02	2.E-07	5.E-04	2.E-10	4.E-07	5.E-11	1.E-07	5.E-11	1.E-07	2.E-11	5.E-08
Am243	5.E-04	2.E-02	5.E-04	2.E-02	3.E-06	1.E-04	2.E-09	8.E-08	2.E-09	8.E-08	1.E-09	7.E-08	4.E-10	2.E-08
At217	3.E-23	1.E-08	7.E-23	2.E-08	5.E-23	2.E-08	7.E-24	2.E-09	7.E-24	3.E-09	6.E-24	2.E-09	2.E-24	6.E-10
Ba137m	2.E-08	1.E+03	4.E-07	3.E+04	2.E-06	1.E+05	2.E-07	2.E+04	3.E-07	2.E+04	2.E-07	2.E+04	6.E-08	4.E+03
Bi210	2.E-17	4.E-10	2.E-19	5.E-12	8.E-20	2.E-12	6.E-22	1.E-14	7.E-22	2.E-14	6.E-22	2.E-14	2.E-22	6.E-15
Bi211	2.E-15	2.E-04	1.E-16	1.E-05	9.E-17	8.E-06	1.E-17	1.E-06	1.E-17	1.E-06	1.E-17	1.E-06	4.E-18	3.E-07
Bi213	3.E-18	1.E-08	6.E-18	3.E-08	4.E-18	2.E-08	6.E-19	3.E-09	6.E-19	3.E-09	6.E-19	2.E-09	1.E-19	6.E-10
Bi214	3.E-19	2.E-09	3.E-21	3.E-11	1.E-21	9.E-12	8.E-24	8.E-14	1.E-23	1.E-13	1.E-23	9.E-14	3.E-24	3.E-14
C14	3.E-03	2.E-01	3.E-02	2.E+00	3.E-01	2.E+01	4.E-02	3.E+00	4.E-02	3.E+00	4.E-02	2.E+00	1.E-02	7.E-01
Cm242	8.E-08	6.E-02	6.E-08	5.E-02	5.E-10	4.E-04	5.E-13	4.E-07	1.E-13	1.E-07	1.E-13	1.E-07	6.E-14	4.E-08
Cm244	7.E-09	1.E-04	5.E-06	1.E-01	3.E-07	5.E-03	5.E-08	9.E-04	6.E-08	1.E-03	5.E-08	1.E-03	2.E-08	4.E-04
Cm245	7.E-11	3.E-09	1.E-07	4.E-06	2.E-09	9.E-08	4.E-10	2.E-08	6.E-10	3.E-08	6.E-10	2.E-08	2.E-10	8.E-09
Cs135	4.E-02	6.E-03	7.E-01	1.E-01	6.E+00	1.E+00	9.E-01	1.E-01	9.E-01	1.E-01	8.E-01	1.E-01	2.E-01	3.E-02
Cs137	1.E-01	1.E+03	2.E+00	3.E+04	1.E+01	1.E+05	2.E+00	2.E+04	2.E+00	2.E+04	1.E+00	2.E+04	4.E-01	5.E+03
Fr221	3.E-19	1.E-08	6.E-19	2.E-08	5.E-19	2.E-08	6.E-20	2.E-09	7.E-20	3.E-09	6.E-20	2.E-09	2.E-20	6.E-10
Fr223	3.E-16	2.E-06	2.E-17	2.E-07	1.E-17	1.E-07	2.E-18	2.E-08	2.E-18	2.E-08	2.E-18	2.E-08	5.E-19	4.E-09
I129	2.E-02	5.E-04	2.E+00	4.E-02	2.E+00	5.E-02	3.E-01	8.E-03	3.E-01	8.E-03	3.E-01	7.E-03	8.E-02	2.E-03
Nb93m	5.E-04	1.E+01	1.E-04	3.E+00	6.E-06	2.E-01	3.E-07	7.E-03	3.E-07	7.E-03	2.E-07	7.E-03	7.E-08	2.E-03
Ni63	9.E-04	3.E+00	3.E-03	1.E+01	9.E-02	3.E+02	1.E-02	5.E+01	1.E-02	6.E+01	1.E-02	5.E+01	3.E-03	1.E+01
Np237	1.E-02	2.E-03	3.E-01	5.E-02	7.E-01	1.E-01	1.E-01	2.E-02	1.E-01	2.E-02	1.E-01	2.E-02	3.E-02	5.E-03
Np239	4.E-10	2.E-02	4.E-10	2.E-02	2.E-12	1.E-04	1.E-15	7.E-08	1.E-15	8.E-08	1.E-15	7.E-08	4.E-16	2.E-08
Pa231	5.E-05	6.E-04	2.E-06	2.E-05	1.E-06	1.E-05	2.E-07	2.E-06	2.E-07	2.E-06	2.E-07	2.E-06	5.E-08	5.E-07
Pa233	4.E-10	2.E-03	9.E-09	5.E-02	3.E-08	1.E-01	4.E-09	2.E-02	4.E-09	2.E-02	4.E-09	2.E-02	1.E-09	5.E-03
Pa234m	2.E-10	3.E+01	2.E-12	3.E-01	4.E-13	7.E-02	2.E-20	2.E-09	1.E-34	2.E-23	1.E-34	2.E-23	6.E-35	9.E-24
Pb209	1.E-17	1.E-08	3.E-17	2.E-08	2.E-17	2.E-08	3.E-18	2.E-09	3.E-18	3.E-09	2.E-18	2.E-09	6.E-19	6.E-10
Pb210	2.E-14	4.E-10	3.E-16	5.E-12	1.E-16	2.E-12	9.E-19	1.E-14	1.E-18	2.E-14	1.E-18	2.E-14	3.E-19	5.E-15
Pb211	3.E-14	2.E-04	2.E-15	1.E-05	2.E-15	8.E-06	2.E-16	1.E-06	2.E-16	1.E-06	2.E-16	1.E-06	6.E-17	3.E-07
Pb214	3.E-19	2.E-09	5.E-21	3.E-11	1.E-21	9.E-12	1.E-23	8.E-14	1.E-23	1.E-13	1.E-23	9.E-14	4.E-24	3.E-14
Pd107	1.E-02	8.E-04	1.E+00	6.E-02	1.E+00	7.E-02	2.E-01	1.E-02	2.E-01	1.E-02	2.E-01	1.E-02	5.E-02	3.E-03
Po210	4.E-16	4.E-10	5.E-18	5.E-12	2.E-18	2.E-12	1.E-20	1.E-14	2.E-20	2.E-14	2.E-20	2.E-14	5.E-21	5.E-15
Po213	4.E-27	1.E-08	9.E-27	2.E-08	7.E-27	2.E-08	9.E-28	2.E-09	9.E-28	3.E-09	8.E-28	2.E-09	2.E-28	6.E-10

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-110 MOLES	TANK U-110 CURIES	TANK U-111 MOLES	TANK U-111 CURIES	TANK U-112 MOLES	TANK U-112 CURIES	TANK U-201 MOLES	TANK U-201 CURIES	TANK U-202 MOLES	TANK U-202 CURIES	TANK U-203 MOLES	TANK U-203 CURIES	TANK U-204 MOLES	TANK U-204 CURIES
Po214	4.E-26	3.E-09	6.E-28	4.E-11	2.E-28	1.E-11	1.E-30	1.E-13	2.E-30	1.E-13	2.E-30	1.E-13	5.E-31	4.E-14
Po215	3.E-20	2.E-04	2.E-21	1.E-05	1.E-21	8.E-06	2.E-22	1.E-06	2.E-22	1.E-06	2.E-22	1.E-06	5.E-23	3.E-07
Po218	4.E-20	2.E-09	5.E-22	3.E-11	2.E-22	9.E-12	1.E-24	8.E-14	2.E-24	1.E-13	2.E-24	9.E-14	5.E-25	3.E-14
Pu238	9.E-03	4.E+01	4.E-05	2.E-01	2.E-05	7.E-02	6.E-07	3.E-03	8.E-07	3.E-03	7.E-07	3.E-03	3.E-07	1.E-03
Pu239	1.E+01	2.E+02	2.E-01	2.E+00	2.E-02	3.E-01	6.E-12	9.E-11	9.E-12	1.E-10	8.E-12	1.E-10	2.E-12	3.E-11
Pu240	8.E-01	4.E+01	8.E-03	5.E-01	9.E-04	5.E-02	8.E-08	4.E-06	1.E-07	5.E-06	9.E-08	5.E-06	3.E-08	2.E-06
Pu241	2.E-02	4.E+02	2.E-04	4.E+00	2.E-05	4.E-01	6.E-13	1.E-08	8.E-13	2.E-08	7.E-13	2.E-08	2.E-13	6.E-09
Ra223	1.E-11	2.E-04	1.E-12	1.E-05	7.E-13	8.E-06	1.E-13	1.E-06	1.E-13	1.E-06	1.E-13	1.E-06	3.E-14	3.E-07
Ra225	1.E-15	1.E-08	3.E-15	2.E-08	2.E-15	2.E-08	3.E-16	2.E-09	3.E-16	3.E-09	3.E-16	2.E-09	7.E-17	6.E-10
Ra226	1.E-11	2.E-09	1.E-13	3.E-11	4.E-14	9.E-12	4.E-16	8.E-14	5.E-16	1.E-13	4.E-16	9.E-14	1.E-16	3.E-14
Ru106	9.E-08	3.E-02	1.E-08	5.E-03	4.E-10	1.E-04	1.E-12	5.E-07	1.E-12	4.E-07	1.E-12	4.E-07	4.E-13	1.E-07
Sb126	3.E-07	3.E+00	1.E-07	1.E+00	2.E-09	2.E-02	1.E-17	1.E-10	1.E-21	1.E-14	5.E-18	5.E-11	3.E-18	3.E-11
Sb126m	3.E-10	3.E+00	1.E-10	1.E+00	2.E-12	2.E-02	1.E-20	1.E-10	1.E-24	1.E-14	5.E-21	5.E-11	3.E-21	3.E-11
Se79	2.E-03	9.E-03	1.E-01	7.E-01	2.E-01	9.E-01	2.E-02	1.E-01	3.E-02	1.E-01	2.E-02	1.E-01	6.E-03	3.E-02
Sm151	1.E+00	4.E+03	3.E-01	1.E+03	8.E-03	3.E+01	9.E-09	4.E-05	8.E-09	3.E-05	8.E-09	3.E-05	2.E-09	9.E-06
Sn126	9.E-01	3.E+00	3.E-01	1.E+00	7.E-03	2.E-02	3.E-11	1.E-10	3.E-15	1.E-14	1.E-11	5.E-11	9.E-12	3.E-11
Sr90	3.E+01	4.E+05	4.E+00	5.E+04	3.E-01	3.E+03	2.E-03	2.E+01	2.E-03	2.E+01	1.E-03	2.E+01	5.E-04	6.E+00
Tc99	2.E-01	3.E-01	1.E+01	2.E+01	2.E+01	3.E+01	3.E+00	5.E+00	3.E+00	5.E+00	3.E+00	4.E+00	7.E-01	1.E+00
Th227	2.E-11	2.E-04	2.E-12	1.E-05	1.E-12	8.E-06	2.E-13	1.E-06	2.E-13	1.E-06	2.E-13	1.E-06	4.E-14	3.E-07
Th229	2.E-10	1.E-08	5.E-10	2.E-08	4.E-10	2.E-08	5.E-11	2.E-09	5.E-11	3.E-09	5.E-11	2.E-09	1.E-11	6.E-10
Th230	1.E-07	7.E-07	1.E-09	7.E-09	4.E-10	2.E-09	5.E-12	2.E-11	6.E-12	3.E-11	6.E-12	3.E-11	2.E-12	9.E-12
Th231	9.E-09	1.E+00	1.E-10	1.E-02	2.E-11	3.E-03	1.E-18	1.E-10	2.E-26	2.E-18	2.E-26	2.E-18	5.E-27	6.E-19
Th234	5.E-06	3.E+01	5.E-08	3.E-01	1.E-08	7.E-02	5.E-16	2.E-09	4.E-30	2.E-23	4.E-30	2.E-23	2.E-30	9.E-24
Tl207	4.E-15	2.E-04	3.E-16	1.E-05	2.E-16	8.E-06	3.E-17	1.E-06	3.E-17	1.E-06	3.E-17	1.E-06	8.E-18	3.E-07
U233	3.E-06	7.E-06	8.E-06	2.E-05	6.E-06	1.E-05	9.E-07	2.E-06	1.E-06	2.E-06	9.E-07	2.E-06	2.E-07	5.E-07
U234	4.E-03	5.E-03	3.E-05	4.E-05	9.E-06	1.E-05	1.E-07	2.E-07	2.E-07	3.E-07	2.E-07	2.E-07	5.E-08	8.E-08
U235	2.E+03	1.E+00	2.E+01	1.E-02	6.E+00	3.E-03	2.E-07	1.E-10	5.E-15	2.E-18	4.E-15	2.E-18	1.E-15	6.E-19
U238	3.E+05	3.E+01	4.E+03	3.E-01	9.E+02	7.E-02	3.E-05	2.E-09	3.E-19	2.E-23	3.E-19	2.E-23	1.E-19	9.E-24
Y90	8.E-03	4.E+05	1.E-03	5.E+04	7.E-05	4.E+03	5.E-07	2.E+01	4.E-07	2.E+01	4.E-07	2.E+01	1.E-07	6.E+00
Zr93	8.E+01	2.E+01	5.E+00	1.E+00	6.E-01	1.E-01	0.	0.	0.	0.	0.	0.	0.	0.
Ag	4.E-08	0.	6.E-07	0.	4.E-06	0.	6.E-07	0.	6.E-07	0.	5.E-07	0.	1.E-07	0.
Al	2.E+06	0.	3.E+05	0.	1.E+06	0.	3.E+05	0.	3.E+05	0.	3.E+05	0.	9.E+04	0.
Ba	5.E+00	0.	1.E+01	0.	9.E+00	0.	1.E+00	0.	1.E+00	0.	1.E+00	0.	3.E-01	0.
Bi	6.E+04	0.	6.E+03	0.	7.E+02	0.	5.E-14	0.	5.E-14	0.	4.E-14	0.	1.E-14	0.
C2H3O3	0.	0.	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-110 MOLES	TANK U-110 CURIES	TANK U-111 MOLES	TANK U-111 CURIES	TANK U-112 MOLES	TANK U-112 CURIES	TANK U-201 MOLES	TANK U-201 CURIES	TANK U-202 MOLES	TANK U-202 CURIES	TANK U-203 MOLES	TANK U-203 CURIES	TANK U-204 MOLES	TANK U-204 CURIES
C6H5O7	0.	0.	2.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	1.E+05	0.	1.E+04	0.	1.E+05	0.	7.E+03	0.	7.E+03	0.	6.E+03	0.	1.E+03	0.
Ca	0.	0.	6.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	2.E-02	0.	1.E+01	0.	1.E+02	0.	7.E+00	0.	7.E+00	0.	6.E+00	0.	1.E+00	0.
Cl	0.	0.	2.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	4.E+05	0.	4.E+04	0.	5.E+03	0.	9.E-13	0.	8.E-14	0.	7.E-14	0.	2.E-14	0.
EDTA	0.	0.	2.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	2.E+01	0.	5.E+03	0.	1.E+05	0.	6.E+03	0.	6.E+03	0.	5.E+03	0.	1.E+03	0.
Fe	2.E+05	0.	2.E+04	0.	2.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	2.E-04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	4.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	5.E-16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	4.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	2.E+04	0.	1.E+05	0.	2.E+05	0.	1.E+05	0.	2.E+05	0.	1.E+05	0.	5.E+04	0.
NO3	6.E+06	0.	1.E+07	0.	1.E+07	0.	2.E+06	0.	2.E+06	0.	2.E+06	0.	5.E+05	0.
Na	6.E+06	0.	1.E+07	0.	1.E+07	0.	1.E+06	0.	1.E+06	0.	1.E+06	0.	3.E+05	0.
Ni	0.	0.	5.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OH	8.E+06	0.	7.E+05	0.	7.E+04	0.	2.E+01	0.	2.E+01	0.	2.E+01	0.	5.E+00	0.
PO4	6.E+04	0.	4.E+04	0.	2.E+05	0.	9.E+03	0.	9.E+03	0.	8.E+03	0.	2.E+03	0.
Pb	3.E-09	0.	2.E-04	0.	2.E-10	0.	4.E-11	0.	4.E-11	0.	3.E-11	0.	9.E-12	0.
SiO3	5.E+02	0.	5.E+02	0.	2.E+04	0.	3.E+03	0.	4.E+03	0.	3.E+03	0.	1.E+03	0.
SO4	3.E+01	0.	4.E+03	0.	9.E+04	0.	8.E+03	0.	7.E+03	0.	7.E+03	0.	2.E+03	0.
Sr	0.	0.	6.E-01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	2.E+04	0.	2.E+03	0.	2.E+02	0.	1.E-03	0.	1.E-03	0.	1.E-03	0.	4.E-04	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981

COMPONENT	TANK O-O-S MOLES	TANK O-O-S CURIES	TANK UR MOLES	TANK UR CURIES	TANK CSR MOLES	TANK CSR CURIES	TANK SRR MOLES	TANK SRR CURIES	TANK 242-B MOLES	TANK 242-B CURIES	TANK 242-T MOLES	TANK 242-T CURIES
Ac225	3.E-14	4.E-07	1.E-14	1.E-07	3.E-17	4.E-10	4.E-15	5.E-08	3.E-24	4.E-17	2.E-24	2.E-17
Ac227	2.E-07	4.E-03	1.E-06	2.E-02	5.E-10	8.E-06	4.E-10	6.E-06	5.E-17	8.E-13	3.E-18	5.E-14
Am241	6.E-02	5.E+01	5.E-35	4.E-32	7.E-02	6.E+01	9.E-02	7.E+01	1.E-14	1.E-11	7.E-15	6.E-12
Am242	2.E-12	4.E-04	0.	0.	5.E-10	1.E-01	3.E-10	6.E-02	7.E-23	1.E-14	9.E-24	2.E-15
Am242m	2.E-07	4.E-04	0.	0.	4.E-05	1.E-01	2.E-05	6.E-02	6.E-18	1.E-14	8.E-19	2.E-15
Am243	2.E-05	1.E-03	2.E-37	9.E-36	1.E-03	5.E-02	7.E-04	3.E-02	1.E-17	7.E-16	6.E-17	3.E-15
At217	1.E-21	4.E-07	4.E-22	1.E-07	1.E-24	4.E-10	1.E-22	5.E-08	1.E-31	4.E-17	6.E-32	2.E-17
Ba137m	4.E-05	3.E+06	0.	0.	1.E-03	8.E+07	6.E-07	5.E+04	5.E-15	4.E-04	1.E-15	9.E-05
Bi210	5.E-17	1.E-09	8.E-16	2.E-08	1.E-19	3.E-12	1.E-18	3.E-11	5.E-28	1.E-20	3.E-29	8.E-22
Bi211	4.E-14	4.E-03	2.E-13	2.E-02	9.E-17	8.E-06	7.E-17	6.E-06	9.E-24	8.E-13	5.E-25	5.E-14
Bi213	1.E-16	5.E-07	4.E-17	2.E-07	1.E-19	5.E-10	1.E-17	5.E-08	1.E-26	5.E-17	5.E-27	2.E-17
Bi214	7.E-19	7.E-09	1.E-17	1.E-07	2.E-21	2.E-11	2.E-20	2.E-10	2.E-30	2.E-20	2.E-31	1.E-21
C14	8.E+00	5.E+02	6.E-36	4.E-34	4.E-01	3.E+01	2.E+00	1.E+02	9.E-10	6.E-08	1.E-10	7.E-09
Cm242	4.E-10	4.E-04	0.	0.	1.E-07	8.E-02	6.E-08	5.E-02	1.E-20	1.E-14	2.E-21	1.E-15
Cm244	1.E-05	3.E-01	0.	0.	2.E-05	4.E-01	1.E-05	3.E-01	4.E-17	8.E-13	3.E-16	7.E-12
Cm245	2.E-07	7.E-06	0.	0.	5.E-07	2.E-05	3.E-07	1.E-05	4.E-19	2.E-17	3.E-18	1.E-16
Cs135	2.E+02	3.E+01	6.E-33	1.E-33	1.E+03	2.E+02	8.E-01	1.E-01	3.E-08	5.E-09	7.E-09	1.E-09
Cs137	3.E+02	4.E+06	7.E-33	8.E-29	7.E+03	8.E+07	4.E+00	5.E+04	3.E-08	4.E-04	8.E-09	1.E-04
Fr221	1.E-17	4.E-07	4.E-18	1.E-07	1.E-20	4.E-10	1.E-18	5.E-08	1.E-27	4.E-17	5.E-28	2.E-17
Fr223	6.E-15	5.E-05	3.E-14	3.E-04	1.E-17	1.E-07	1.E-17	8.E-08	1.E-24	1.E-14	8.E-26	7.E-16
I129	6.E+01	1.E+00	3.E-33	7.E-35	3.E+00	7.E-02	1.E+00	3.E-02	7.E-09	2.E-10	2.E-09	4.E-11
Nb93m	3.E-04	8.E+00	2.E-37	4.E-33	2.E-04	6.E+00	4.E-03	9.E+01	3.E-14	8.E-10	4.E-15	1.E-10
Ni63	3.E-01	1.E+03	3.E-36	1.E-32	5.E-02	2.E+02	7.E+00	3.E+04	4.E-10	1.E-06	5.E-11	2.E-07
Np237	2.E+01	3.E+00	8.E-34	1.E-34	6.E-01	9.E-02	2.E-01	4.E-02	2.E-09	3.E-10	9.E-10	2.E-10
Np239	2.E-11	1.E-03	0.	0.	9.E-10	5.E-02	6.E-10	3.E-02	1.E-23	6.E-16	5.E-23	3.E-15
Pa231	6.E-04	7.E-03	6.E-03	6.E-02	2.E-06	2.E-05	3.E-06	3.E-05	1.E-13	1.E-12	7.E-15	8.E-14
Pa233	7.E-07	4.E+00	0.	0.	2.E-08	9.E-02	8.E-09	4.E-02	7.E-17	3.E-10	3.E-17	2.E-10
Pa234m	3.E-10	5.E+01	2.E-08	3.E+03	2.E-29	3.E-18	1.E-11	2.E+00	2.E-31	4.E-20	5.E-32	9.E-21
Pb209	5.E-16	4.E-07	2.E-16	1.E-07	5.E-19	4.E-10	5.E-17	5.E-08	5.E-26	4.E-17	2.E-26	2.E-17
Pb210	8.E-14	1.E-09	1.E-12	2.E-08	2.E-16	3.E-12	2.E-15	3.E-11	8.E-25	1.E-20	5.E-26	8.E-22
Pb211	7.E-13	4.E-03	4.E-12	2.E-02	2.E-15	8.E-06	1.E-15	6.E-06	1.E-22	8.E-13	9.E-24	5.E-14
Pb214	1.E-18	7.E-09	2.E-17	1.E-07	3.E-21	2.E-11	2.E-20	2.E-10	3.E-30	2.E-20	2.E-31	1.E-21
Pd107	4.E+01	2.E+00	2.E-33	8.E-35	2.E+00	1.E-01	1.E+00	5.E-02	4.E-09	2.E-10	9.E-10	5.E-11
Po210	1.E-15	1.E-09	2.E-14	2.E-08	3.E-18	3.E-12	3.E-17	3.E-11	1.E-26	1.E-20	9.E-28	8.E-22
Po213	2.E-25	4.E-07	5.E-26	1.E-07	2.E-28	4.E-10	2.E-26	5.E-08	2.E-35	4.E-17	8.E-36	2.E-17

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK O-O-S MOLES	TANK O-O-S CURIES	TANK UR MOLES	TANK UR CURIES	TANK CSR MOLES	TANK CSR CURIES	TANK SRR MOLES	TANK SRR CURIES	TANK 242-B MOLES	TANK 242-B CURIES	TANK 242-T MOLES	TANK 242-T CURIES
Po214	1.E-25	8.E-09	2.E-24	1.E-07	4.E-28	3.E-11	3.E-27	2.E-10	4.E-37	3.E-20	3.E-38	2.E-21
Po215	6.E-19	4.E-03	3.E-18	2.E-02	1.E-21	8.E-06	9.E-22	6.E-06	1.E-28	8.E-13	7.E-30	5.E-14
Po218	1.E-19	7.E-09	2.E-18	1.E-07	4.E-22	2.E-11	3.E-21	2.E-10	4.E-31	2.E-20	2.E-32	1.E-21
Pu238	3.E-02	1.E+02	8.E-37	3.E-33	8.E-07	3.E-03	5.E-03	2.E+01	4.E-16	1.E-12	2.E-16	7.E-13
Pu239	2.E+01	3.E+02	8.E-34	1.E-32	1.E-06	2.E-05	3.E+01	4.E+02	3.E-20	5.E-19	1.E-19	2.E-18
Pu240	1.E+00	6.E+01	5.E-35	3.E-33	5.E-06	3.E-04	2.E+00	1.E+02	7.E-17	4.E-15	6.E-16	3.E-14
Pu241	3.E-02	6.E+02	2.E-36	5.E-32	4.E-09	1.E-04	9.E-02	2.E+03	5.E-22	1.E-17	4.E-21	1.E-16
Ra223	3.E-10	4.E-03	2.E-09	2.E-02	7.E-13	8.E-06	5.E-13	6.E-06	7.E-20	8.E-13	4.E-21	5.E-14
Ra225	5.E-14	4.E-07	2.E-14	1.E-07	5.E-17	5.E-10	5.E-15	5.E-08	5.E-24	4.E-17	2.E-24	2.E-17
Ra226	3.E-11	7.E-09	5.E-10	1.E-07	1.E-13	2.E-11	7.E-13	2.E-10	1.E-22	2.E-20	7.E-24	1.E-21
Ru106	5.E-09	2.E-03	0.	0.	4.E-06	1.E+00	5.E-03	2.E+03	1.E-20	4.E-15	9.E-21	3.E-15
Sb126	7.E-09	7.E-02	0.	0.	5.E-15	5.E-08	5.E-06	5.E+01	1.E-28	2.E-21	4.E-29	4.E-22
Sb126m	7.E-12	7.E-02	0.	0.	5.E-18	5.E-08	5.E-09	5.E+01	2.E-31	2.E-21	4.E-32	4.E-22
Se79	5.E+00	3.E+01	2.E-34	1.E-33	2.E-01	1.E+00	1.E-01	5.E-01	5.E-10	3.E-09	1.E-10	6.E-10
Sm151	3.E-02	1.E+02	2.E-34	6.E-31	3.E-08	1.E-04	1.E+01	6.E+04	7.E-16	3.E-12	4.E-16	1.E-12
Sn126	2.E-02	7.E-02	4.E-34	1.E-33	1.E-08	5.E-08	1.E+01	5.E+01	4.E-22	1.E-21	1.E-22	4.E-22
Sr90	1.E+02	2.E+06	7.E-33	8.E-29	8.E+00	1.E+05	3.E+03	3.E+07	2.E-09	2.E-05	1.E-09	1.E-05
Tc99	5.E+02	9.E+02	2.E-32	4.E-32	3.E+01	4.E+01	1.E+01	2.E+01	6.E-08	1.E-07	1.E-08	3.E-08
Th227	5.E-10	4.E-03	3.E-09	2.E-02	1.E-12	8.E-06	8.E-13	6.E-06	1.E-19	7.E-13	6.E-21	5.E-14
Th229	9.E-09	4.E-07	3.E-09	1.E-07	1.E-11	5.E-10	1.E-09	5.E-08	9.E-19	4.E-17	4.E-19	2.E-17
Th230	4.E-07	2.E-06	6.E-06	3.E-05	7.E-14	3.E-13	2.E-08	8.E-08	3.E-21	1.E-20	1.E-21	7.E-21
Th231	2.E-08	2.E+00	9.E-07	1.E+02	6.E-22	8.E-14	9.E-10	1.E-01	1.E-29	2.E-21	4.E-30	4.E-22
Th234	9.E-06	5.E+01	5.E-04	3.E+03	6.E-25	3.E-18	4.E-07	2.E+00	6.E-27	4.E-20	2.E-27	9.E-21
Tl207	1.E-13	4.E-03	5.E-13	2.E-02	2.E-16	8.E-06	1.E-16	6.E-06	2.E-23	8.E-13	1.E-24	5.E-14
U233	2.E-04	4.E-04	3.E-05	6.E-05	9.E-07	2.E-06	3.E-05	6.E-05	2.E-14	4.E-14	8.E-15	2.E-14
U234	9.E-03	1.E-02	1.E-01	2.E-01	2.E-08	2.E-08	8.E-04	1.E-03	8.E-17	1.E-16	4.E-17	6.E-17
U235	4.E+03	2.E+00	2.E+05	1.E+02	1.E-10	8.E-14	2.E+02	1.E-01	3.E-18	2.E-21	9.E-19	4.E-22
U238	6.E+05	5.E+01	3.E+07	3.E+03	4.E-14	3.E-18	3.E+04	2.E+00	4.E-16	4.E-20	1.E-16	9.E-21
Y90	4.E-02	2.E+06	2.E-36	9.E-29	2.E-03	1.E+05	7.E-01	3.E+07	5.E-13	2.E-05	3.E-13	1.E-05
Zr93	2.E+00	4.E-01	2.E-32	6.E-33	0.	0.	1.E+03	3.E+02	0.	0.	0.	0.
Ag	1.E-04	0.	0.	0.	4.E-06	0.	2.E-06	0.	1.E-14	0.	3.E-15	0.
Al	2.E+07	0.	0.	0.	1.E+04	0.	1.E+06	0.	2.E-04	0.	2.E-03	0.
Ba	2.E+02	0.	7.E-33	0.	2.E+03	0.	7.E+02	0.	3.E-08	0.	7.E-09	0.
Bi	2.E+07	0.	4.E-12	0.	6.E-15	0.	6.E-13	0.	2.E-21	0.	5.E-22	0.
C2H3O3	0.	0.	0.	0.	0.	0.	3.E+04	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- TOTAL 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK 0-0-S MOLES	TANK 0-0-S CURIES	TANK UR MOLES	TANK UR CURIES	TANK CSR MOLES	TANK CSR CURIES	TANK SRR MOLES	TANK SRR CURIES	TANK 242-B MOLES	TANK 242-B CURIES	TANK 242-T MOLES	TANK 242-T CURIES
C6H5O7	4.E+02	0.	0.	0.	2.E+04	0.	1.E+04	0.	0.	0.	0.	0.
CO3	7.E+07	0.	3.E-27	0.	1.E+04	0.	8.E+05	0.	2.E-02	0.	5.E-04	0.
Ca	7.E-01	0.	0.	0.	2.E-02	0.	1.E+03	0.	0.	0.	0.	0.
Ce	2.E+04	0.	-1.E-39	0.	1.E-02	0.	9.E-04	0.	2.E-07	0.	4.E-06	0.
Cl	2.E-02	0.	8.E-37	0.	9.E-08	0.	1.E-08	0.	4.E-12	0.	2.E-13	0.
Cr	3.E+04	0.	-5.E-38	0.	3.E-05	0.	6.E+03	0.	3.E-21	0.	3.E-21	0.
EDTA	0.	0.	0.	0.	0.	0.	4.E+04	0.	0.	0.	0.	0.
F	3.E+07	0.	0.	0.	1.E+03	0.	9.E+01	0.	2.E-04	0.	1.E-03	0.
Fe	5.E+05	0.	5.E-35	0.	3.E+03	0.	3.E+05	0.	2.E-28	0.	1.E-29	0.
Fe(CN)6	3.E+05	0.	6.E-39	0.	2.E-03	0.	2.E-01	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	3.E+00	0.	9.E+04	0.	0.	0.	0.	0.
K	1.E+08	0.	0.	0.	6.E+02	0.	2.E+02	0.	0.	0.	0.	0.
La	1.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	9.E+02	0.	0.	0.	3.E+03	0.	2.E+04	0.	0.	0.	0.	0.
NO2	1.E+07	0.	0.	0.	2.E+04	0.	6.E+03	0.	2.E-04	0.	0.	0.
NO3	3.E+08	0.	2.E-28	0.	4.E+05	0.	5.E+05	0.	2.E-02	0.	3.E-02	0.
Na	6.E+08	0.	6.E-27	0.	5.E+05	0.	2.E+06	0.	6.E-02	0.	3.E-02	0.
Ni	1.E+04	0.	1.E-38	0.	3.E+02	0.	2.E+04	0.	0.	0.	0.	0.
OH	1.E+06	0.	8.E-31	0.	3.E+03	0.	5.E+06	0.	2.E-06	0.	5.E-07	0.
PO4	7.E+07	0.	4.E-28	0.	5.E+02	0.	1.E+02	0.	4.E-03	0.	5.E-04	0.
Pb	3.E-03	0.	4.E-07	0.	1.E-02	0.	4.E+02	0.	3.E-17	0.	2.E-18	0.
SiO3	6.E+06	0.	0.	0.	9.E+02	0.	2.E+02	0.	6.E-05	0.	5.E-04	0.
SO4	3.E+07	0.	4.E-28	0.	3.E+03	0.	2.E+03	0.	4.E-03	0.	1.E-03	0.
Sr	2.E+05	0.	0.	0.	8.E-02	0.	5.E+02	0.	0.	0.	0.	0.
ZrO	1.E+02	0.	6.E-33	0.	1.E+00	0.	7.E+02	0.	2.E-09	0.	9.E-10	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK A-101 MOLES	TANK A-101 CURIES	TANK A-102 MOLES	TANK A-102 CURIES	TANK A-103 MOLES	TANK A-103 CURIES	TANK A-104 MOLES	TANK A-104 CURIES	TANK A-105 MOLES	TANK A-105 CURIES	TANK A-106 MOLES	TANK A-106 CURIES	TANK AW-101 MOLES	TANK AW-101 CURIES
Ac225	0.	0.	4.E-14	5.E-07	5.E-17	7.E-10	4.E-19	6.E-12	5.E-17	7.E-10	3.E-23	3.E-16	0.	0.
Ac227	0.	0.	5.E-09	8.E-05	2.E-09	3.E-05	7.E-11	1.E-06	1.E-10	2.E-06	4.E-18	6.E-14	0.	0.
Am241	0.	0.	4.E+00	3.E+03	6.E-01	5.E+02	3.E-07	2.E-04	1.E-08	1.E-05	4.E-09	3.E-06	0.	0.
Am242	0.	0.	3.E-08	6.E+00	5.E-09	9.E-01	1.E-15	2.E-07	6.E-17	1.E-08	2.E-17	4.E-09	0.	0.
Am242m	0.	0.	2.E-03	6.E+00	4.E-04	9.E-01	1.E-10	2.E-07	5.E-12	1.E-08	2.E-12	4.E-09	0.	0.
Am243	0.	0.	4.E-02	2.E+00	1.E-02	6.E-01	2.E-09	9.E-08	9.E-11	4.E-09	3.E-11	1.E-09	0.	0.
At217	0.	0.	1.E-21	5.E-07	2.E-24	7.E-10	2.E-26	6.E-12	2.E-24	7.E-10	1.E-30	3.E-16	0.	0.
Ba137m	0.	0.	4.E-12	3.E-01	3.E-07	2.E+04	2.E-24	2.E-13	9.E-11	7.E+00	4.E-15	3.E-04	0.	0.
Bi210	0.	0.	1.E-19	3.E-12	9.E-19	2.E-11	6.E-19	2.E-11	0.	0.	9.E-28	2.E-20	0.	0.
Bi211	0.	0.	3.E-17	2.E-06	3.E-16	3.E-05	1.E-17	1.E-06	0.	0.	7.E-25	6.E-14	0.	0.
Bi213	0.	0.	4.E-18	2.E-08	2.E-19	7.E-10	1.E-21	6.E-12	0.	0.	8.E-26	3.E-16	0.	0.
Bi214	0.	0.	5.E-21	5.E-11	3.E-20	2.E-10	5.E-21	5.E-11	0.	0.	8.E-29	8.E-19	0.	0.
C14	0.	0.	9.E-04	6.E-02	5.E-01	3.E+01	1.E+01	7.E+02	8.E-02	5.E+00	7.E-09	5.E-07	0.	0.
Cm242	0.	0.	6.E-06	5.E+00	9.E-07	7.E-01	8.E-11	7.E-05	1.E-14	1.E-08	4.E-15	3.E-09	0.	0.
Cm244	0.	0.	4.E-04	7.E+00	3.E-04	5.E+00	2.E-24	3.E-20	3.E-07	5.E-03	6.E-14	1.E-09	0.	0.
Cm245	0.	0.	7.E-06	3.E-04	6.E-06	2.E-04	2.E-26	7.E-25	3.E-09	1.E-07	9.E-16	4.E-14	0.	0.
Cs135	0.	0.	1.E+01	1.E+00	5.E-01	8.E-02	4.E-18	7.E-19	9.E-01	1.E-01	1.E-08	2.E-09	0.	0.
Cs137	0.	0.	3.E+01	4.E+05	2.E+00	2.E+04	2.E-17	2.E-13	4.E+00	5.E+04	3.E-08	3.E-04	0.	0.
Fr221	0.	0.	1.E-17	5.E-07	2.E-20	7.E-10	1.E-22	6.E-12	2.E-20	7.E-10	9.E-27	3.E-16	0.	0.
Fr223	0.	0.	1.E-16	1.E-06	4.E-17	4.E-07	2.E-18	2.E-08	4.E-18	3.E-08	1.E-25	8.E-16	0.	0.
I129	0.	0.	1.E+01	3.E-01	5.E+00	1.E-01	4.E-18	1.E-19	7.E-01	1.E-02	1.E-08	3.E-10	0.	0.
Nb93m	0.	0.	1.E-02	3.E+02	2.E-04	4.E+00	6.E-04	2.E+01	7.E-06	2.E-01	4.E-12	9.E-08	0.	0.
Ni63	0.	0.	4.E-01	1.E+03	5.E-04	2.E+00	1.E-01	4.E+02	6.E-09	2.E-05	1.E-11	6.E-08	0.	0.
Np237	0.	0.	2.E+00	3.E-01	5.E-02	8.E-03	5.E-03	8.E-04	2.E-01	4.E-02	2.E-09	3.E-10	0.	0.
Np239	0.	0.	3.E-08	2.E+00	1.E-08	5.E-01	2.E-15	8.E-08	7.E-17	4.E-09	2.E-17	1.E-09	0.	0.
Pa231	6.E-39	6.E-38	2.E-05	2.E-04	8.E-06	9.E-05	5.E-07	5.E-06	4.E-07	4.E-06	1.E-14	2.E-13	0.	0.
Pa233	0.	0.	7.E-08	3.E-01	2.E-09	8.E-03	2.E-10	8.E-04	8.E-09	4.E-02	7.E-17	3.E-10	0.	0.
Pa234m	0.	0.	7.E-16	1.E-04	1.E-13	2.E-02	6.E-35	9.E-24	4.E-28	7.E-17	1.E-27	2.E-16	0.	0.
Pb209	0.	0.	5.E-18	4.E-09	8.E-19	7.E-10	6.E-21	6.E-12	7.E-19	7.E-10	4.E-25	3.E-16	0.	0.
Pb210	0.	0.	5.E-17	7.E-13	1.E-15	2.E-11	9.E-16	1.E-11	4.E-18	6.E-14	1.E-24	2.E-20	0.	0.
Pb211	0.	0.	1.E-16	7.E-07	5.E-15	3.E-05	2.E-16	1.E-06	4.E-16	2.E-06	1.E-23	6.E-14	0.	0.
Pb214	0.	0.	2.E-21	1.E-11	3.E-20	2.E-10	7.E-21	5.E-11	3.E-23	2.E-13	1.E-28	8.E-19	0.	0.
Pd107	0	0.	1.E+01	6.E-01	4.E+00	2.E-01	2.E-18	1.E-19	5.E-01	3.E-02	7.E-09	4.E-10	0.	0.
Po210	0	0.	7.E-17	7.E-11	2.E-17	2.E-11	2.E-17	1.E-11	6.E-20	6.E-14	2.E-26	2.E-20	0.	0.
Po213	0.	0.	2.E-25	5.E-07	3.E-28	7.E-10	2.E-30	6.E-12	3.E-28	7.E-10	1.E-34	3.E-16	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

Note: For start of solutions
See page A-073

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK A-101 MOLES	TANK A-101 CURIES	TANK A-102 MOLES	TANK A-102 CURIES	TANK A-103 MOLES	TANK A-103 CURIES	TANK A-104 MOLES	TANK A-104 CURIES	TANK A-105 MOLES	TANK A-105 CURIES	TANK A-106 MOLES	TANK A-106 CURIES	TANK AW-101 MOLES	TANK AW-101 CURIES
Po214	0.	0.	3.E-26	2.E-09	4.E-27	3.E-10	8.E-28	6.E-11	3.E-30	2.E-13	1.E-35	1.E-18	0.	0.
Po215	0.	0.	1.E-20	8.E-05	4.E-21	3.E-05	2.E-22	1.E-06	3.E-22	2.E-06	9.E-30	6.E-14	0.	0.
Po218	0.	0.	3.E-20	2.E-09	4.E-21	2.E-10	8.E-22	5.E-11	3.E-24	2.E-13	1.E-29	8.E-19	0.	0.
Pu238	0.	0.	8.E-06	3.E-02	2.E-07	8.E-04	9.E-07	4.E-03	0.	0.	8.E-15	3.E-11	0.	0.
Pu239	0.	0.	2.E-05	3.E-04	2.E-07	2.E-06	6.E-09	8.E-08	0.	0.	3.E-14	4.E-13	0.	0.
Pu240	6.E-39	3.E-37	9.E-06	5.E-04	1.E-06	8.E-05	4.E-25	2.E-23	0.	0.	5.E-15	3.E-13	0.	0.
Pu241	0.	0.	5.E-08	1.E-03	1.E-10	2.E-06	7.E-30	2.E-25	0.	0.	5.E-17	1.E-12	0.	0.
Ra223	0.	0.	7.E-12	7.E-05	2.E-12	3.E-05	1.E-13	1.E-06	2.E-13	2.E-06	5.E-21	6.E-14	0.	0.
Ra225	0.	0.	5.E-14	5.E-07	8.E-17	7.E-10	7.E-19	6.E-12	8.E-17	7.E-10	4.E-23	3.E-16	0.	0.
Ra226	0.	0.	7.E-12	2.E-09	1.E-12	2.E-10	2.E-13	5.E-11	8.E-16	2.E-13	4.E-21	8.E-19	0.	0.
Ru106	0.	0.	3.E-06	1.E+00	4.E-06	2.E+00	1.E-06	4.E-01	2.E-10	6.E-05	1.E-13	5.E-08	0.	0.
Sb126	0.	0.	2.E-13	2.E-06	8.E-13	8.E-06	2.E-14	2.E-07	2.E-24	2.E-17	5.E-15	5.E-08	0.	0.
Sb126m	0.	0.	2.E-16	2.E-06	8.E-16	8.E-06	2.E-17	2.E-07	2.E-27	2.E-17	5.E-18	5.E-08	0.	0.
Se79	0.	0.	1.E+00	6.E+00	3.E-01	2.E+00	3.E-19	2.E-18	5.E-02	3.E-01	9.E-10	5.E-09	0.	0.
Sm151	0.	0.	3.E+01	1.E+05	2.E-01	7.E+02	6.E-08	2.E-04	4.E-09	2.E-05	3.E-08	1.E-04	0.	0.
Sn126	0.	0.	3.E+01	1.E+02	2.E-01	7.E-01	6.E-08	2.E-07	1.E-15	5.E-15	1.E-08	5.E-08	0.	0.
Sr90	0.	0.	7.E+02	9.E+06	2.E+00	2.E+04	2.E-02	3.E+02	3.E-06	3.E-02	5.E-07	6.E-03	0.	0.
Tc99	0.	0.	1.E+02	2.E+02	4.E+01	7.E+01	4.E-17	6.E-17	6.E+00	1.E+01	1.E-07	2.E-07	0.	0.
Th227	0.	0.	1.E-11	7.E-05	3.E-12	2.E-05	2.E-13	1.E-06	3.E-21	2.E-14	8.E-21	6.E-14	0.	0.
Th229	0.	0.	1.E-08	5.E-07	1.E-11	7.E-10	1.E-13	6.E-12	1.E-19	5.E-18	7.E-18	3.E-16	0.	0.
Th230	0.	0.	8.E-08	4.E-07	4.E-10	2.E-09	3.E-13	1.E-12	3.E-24	2.E-23	3.E-17	1.E-16	0.	0.
Th231	0.	0.	9.E-20	1.E-11	7.E-12	8.E-04	4.E-24	5.E-16	2.E-34	2.E-26	3.E-30	4.E-22	0.	0.
Th234	0.	0.	2.E-11	1.E-04	3.E-09	2.E-02	2.E-30	9.E-24	1.E-31	5.E-25	4.E-23	2.E-16	0.	0.
Tl207	0.	0.	2.E-15	8.E-05	6.E-16	3.E-05	3.E-17	1.E-06	6.E-17	2.E-06	2.E-24	6.E-14	0.	0.
U233	0.	0.	0.	0.	3.E-08	7.E-08	1.E-08	2.E-08	1.E-14	3.E-14	4.E-16	1.E-15	0.	0.
U234	0.	0.	0.	0.	4.E-06	6.E-06	4.E-08	5.E-08	4.E-19	6.E-19	3.E-17	5.E-17	0.	0.
U235	0.	0.	0.	0.	9.E-01	5.E-04	9.E-13	5.E-16	5.E-23	3.E-26	8.E-19	4.E-22	0.	0.
U238	0.	0.	0.	0.	1.E+02	1.E-02	1.E-19	8.E-24	1.E-20	1.E-24	3.E-17	2.E-21	0.	0.
Y90	0.	0.	2.E-01	9.E+06	5.E-04	2.E+04	6.E-06	3.E+02	7.E-10	4.E-02	1.E-10	6.E-03	0.	0.
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	0.	0.	3.E-06	0.	5.E-06	0.	6.E-24	0.	1.E-06	0.	1.E-14	0.	0.	0.
Al	8.E-37	0.	9.E+05	0.	6.E+04	0.	1.E-06	0.	0.	0.	2.E-03	0.	0.	0.
Ba	2.E-39	0.	3.E-07	0.	9.E-02	0.	3.E-05	0.	1.E-04	0.	5.E-10	0.	0.	0.
Bi	0.	0.	2.E-14	0.	7.E-15	0.	9.E-14	0.	0.	0.	5.E-22	0.	0.	0.
C2H3O3	6.E-39	0.	4.E+04	0.	4.E+02	0.	0.	0.	0.	0.	3.E-05	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK A-101 MOLES	TANK A-101 CURIES	TANK A-102 MOLES	TANK A-102 CURIES	TANK A-103 MOLES	TANK A-103 CURIES	TANK A-104 MOLES	TANK A-104 CURIES	TANK A-105 MOLES	TANK A-105 CURIES	TANK A-106 MOLES	TANK A-106 CURIES	TANK AW-101 MOLES	TANK AW-101 CURIES
C6H5O7	2.E-38	0.	9.E+04	0.	3.E+04	0.	0.	0.	0.	0.	6.E-05	0.	0.	0.
CO3	4.E-37	0.	2.E+02	0.	1.E+04	0.	5.E+05	0.	7.E+03	0.	1.E-03	0.	0.	0.
Ca	0.	0.	6.E-06	0.	2.E-01	0.	6.E-29	0.	2.E-17	0.	6.E-11	0.	0.	0.
Ce	0.	0.	6.E+01	0.	2.E+00	0.	3.E-23	0.	4.E-05	0.	1.E-07	0.	0.	0.
Cl	0.	0.	2.E-05	0.	6.E-07	0.	4.E-27	0.	2.E-09	0.	3.E-14	0.	0.	0.
Cr	0.	0.	4.E+03	0.	4.E+01	0.	5.E-37	0.	6.E-19	0.	4.E-06	0.	0.	0.
EDTA	1.E-38	0.	6.E+04	0.	6.E+02	0.	0.	0.	0.	0.	6.E-05	0.	0.	0.
F	1.E-38	0.	1.E+04	0.	5.E+02	0.	1.E-19	0.	3.E-02	0.	2.E-05	0.	0.	0.
Fe	6.E-39	0.	4.E+04	0.	6.E+03	0.	0.	0.	5.E-20	0.	3.E-05	0.	0.	0.
Fe(CN)6	0.	0.	1.E-07	0.	4.E-03	0.	2.E-20	0.	2.E-02	0.	4.E-09	0.	0.	0.
HEDTA	2.E-38	0.	1.E+05	0.	1.E+03	0.	0.	0.	0.	0.	1.E-04	0.	0.	0.
K	6.E-39	0.	9.E+03	0.	6.E+02	0.	6.E-16	0.	2.E+02	0.	2.E-05	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	6.E-39	0	2.E+04	0.	4.E+02	0.	1.E+01	0.	7.E-01	0.	2.E-05	0.	0.	0.
NO2	2.E-37	0.	3.E+05	0.	9.E+03	0.	4.E-14	0.	2.E+04	0.	5.E-04	0.	0.	0.
NO3	3.E-36	0.	2.E+06	0.	5.E+05	0.	2.E+06	0.	1.E+05	0.	3.E-02	0.	0.	0.
Na	2.E+02	0	5.E+04	0.	5.E+05	0.	3.E+06	0.	2.E+05	0.	4.E+01	0.	3.E+00	0.
Ni	0.	0	1.E+03	0.	2.E+00	0.	4.E-28	0.	4.E-31	0.	2.E-09	0.	0.	0.
OH	2.E+02	0.	4.E+00	0.	2.E+02	0.	3.E+01	0.	2.E+04	0.	4.E+01	0.	3.E+00	0.
PO4	6.E-39	0.	5 E-03	0.	5.E+02	0.	1.E-16	0.	2.E+02	0.	2.E-05	0.	0.	0.
Pb	0.	0.	9.E-04	0.	6.E-03	0.	7.E-10	0.	4.E-11	0.	1.E-10	0.	0.	0.
SiO3	1.E-38	0.	1.E+04	0.	5.E+02	0.	6.E-16	0.	4.E+02	0.	2.E-05	0.	0.	0.
SO4	5.E-38	0.	5.E+01	0.	3.E+03	0.	4.E+03	0.	4.E+03	0.	1.E-03	0.	0.	0.
Sr	0.	0	3.E+02	0.	4.E-01	0.	2.E-25	0.	0.	0.	6.E-08	0.	0.	0.
ZrO	0.	0.	0.	0.	0.	0.	4.E-03	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK AW-102 MOLES	TANK AW-102 CURIES	TANK AW-103 MOLES	TANK AW-103 CURIES	TANK AW-105 MOLES	TANK AW-105 CURIES	TANK AW-106 MOLES	TANK AW-106 CURIES	TANK AX-101 MOLES	TANK AX-101 CURIES	TANK AX-102 MOLES	TANK AX-102 CURIES	TANK AX-103 MOLES	TANK AX-103 CURIES
Ac225	0.	0.	2.E-25	3.E-18	0.	0.	2.E-15	2.E-08	9.E-27	1.E-19	4.E-31	5.E-24	2.E-16	2.E-09
Ac227	0.	0.	4.E-18	7.E-14	0.	0.	3.E-10	4.E-06	2.E-19	3.E-15	3.E-26	4.E-22	2.E-10	3.E-06
Am241	0.	0.	2.E-09	1.E-06	0.	0.	2.E-01	2.E+02	8.E-11	7.E-08	3.E-17	2.E-14	2.E-02	2.E+01
Am242	0.	0.	1.E-17	2.E-09	0.	0.	2.E-09	3.E-01	5.E-19	9.E-11	3.E-25	6.E-17	2.E-10	3.E-02
Am242m	0.	0.	9.E-13	2.E-09	0.	0.	1.E-04	3.E-01	4.E-14	9.E-11	3.E-20	6.E-17	1.E-05	3.E-02
Am243	0.	0.	3.E-11	1.E-09	0.	0.	2.E-03	9.E-02	1.E-12	6.E-11	2.E-19	1.E-17	3.E-04	1.E-02
At217	0.	0.	7.E-33	3.E-18	0.	0.	6.E-23	2.E-08	3.E-34	1.E-19	1.E-38	5.E-24	7.E-24	2.E-09
Ba137m	0.	0.	1.E-15	8.E-05	0.	0.	7.E-08	5.E+03	5.E-17	3.E-06	7.E-23	5.E-12	1.E-08	8.E+02
Bi210	0.	0.	3.E-27	7.E-20	0.	0.	8.E-20	2.E-12	1.E-28	3.E-21	5.E-35	1.E-27	7.E-21	2.E-13
Bi211	0.	0.	8.E-25	7.E-14	0.	0.	5.E-17	5.E-06	3.E-26	3.E-15	5.E-33	4.E-22	7.E-18	6.E-07
Bi213	0.	0.	6.E-28	3.E-18	0.	0.	5.E-18	2.E-08	3.E-29	1.E-19	1.E-33	5.E-24	1.E-19	5.E-10
Bi214	0.	0.	8.E-29	7.E-19	0.	0.	6.E-21	6.E-11	3.E-30	3.E-20	3.E-36	3.E-26	3.E-22	2.E-12
C14	0.	0.	2.E-09	1.E-07	0.	0.	7.E-01	4.E+01	8.E-11	5.E-09	3.E-17	2.E-15	1.E-01	9.E+00
Cm242	0.	0.	2.E-15	2.E-09	0.	0.	3.E-07	3.E-01	1.E-16	9.E-11	8.E-23	6.E-17	3.E-08	3.E-02
Cm244	0.	0.	8.E-13	2.E-08	0.	0.	5.E-06	9.E-02	4.E-14	7.E-10	1.E-22	2.E-18	4.E-06	9.E-02
Cm245	0.	0.	1.E-14	6.E-13	0.	0.	9.E-08	4.E-06	6.E-16	3.E-14	2.E-24	7.E-23	9.E-08	4.E-06
Cs135	0.	0.	2.E-09	3.E-10	0.	0.	9.E-01	1.E-01	8.E-11	1.E-11	1.E-16	2.E-17	7.E-01	1.E-01
Cs137	0.	0.	7.E-09	8.E-05	0.	0.	2.E+00	3.E+04	3.E-10	4.E-06	4.E-16	5.E-12	2.E+00	2.E+04
Fr221	0.	0.	7.E-29	3.E-18	0.	0.	5.E-19	2.E-08	3.E-30	1.E-19	1.E-34	5.E-24	6.E-20	2.E-09
Fr223	0.	0.	1.E-25	1.E-15	0.	0.	7.E-18	6.E-08	5.E-27	4.E-17	7.E-34	6.E-24	6.E-18	5.E-08
I129	0.	0.	1.E-08	3.E-10	0.	0.	1.E+00	2.E-02	6.E-10	1.E-11	1.E-16	3.E-18	8.E-01	2.E-02
Nb93m	0.	0.	4.E-13	1.E-08	0.	0.	5.E-04	1.E+01	2.E-14	5.E-10	0.	0.	2.E-04	4.E+00
Ni63	0.	0.	9.E-13	3.E-09	0.	0.	8.E-04	3.E+00	4.E-14	1.E-10	7.E-24	3.E-20	1.E-04	4.E-01
Np237	0.	0.	1.E-10	2.E-11	0.	0.	2.E-01	3.E-02	5.E-12	8.E-13	3.E-17	5.E-18	1.E-01	2.E-02
Np239	0.	0.	2.E-17	1.E-09	0.	0.	2.E-09	9.E-02	1.E-18	6.E-11	2.E-25	1.E-17	2.E-10	1.E-02
Pa231	0.	0.	5.E-14	6.E-13	0.	0.	1.E-06	1.E-05	2.E-15	3.E-14	1.E-22	1.E-21	7.E-07	8.E-06
Pa233	0.	0.	4.E-18	2.E-11	0.	0.	5.E-09	3.E-02	2.E-19	9.E-13	1.E-24	5.E-18	4.E-09	2.E-02
Pa234m	0.	0.	4.E-23	6.E-12	0.	0.	2.E-19	2.E-08	2.E-24	3.E-13	3.E-36	4.E-25	7.E-20	1.E-08
Pb209	0.	0.	3.E-27	3.E-18	0.	0.	2.E-17	2.E-08	1.E-28	1.E-19	5.E-33	5.E-24	2.E-18	2.E-09
Pb210	0.	0.	4.E-24	7.E-20	0.	0.	1.E-16	2.E-12	2.E-25	3.E-21	8.E-32	1.E-27	5.E-17	7.E-13
Pb211	0.	0.	1.E-23	7.E-14	0.	0.	9.E-16	4.E-06	6.E-25	3.E-15	9.E-32	4.E-22	5.E-16	3.E-06
Pb214	0.	0.	1.E-28	7.E-19	0.	0.	8.E-21	6.E-11	5.E-30	3.E-20	4.E-36	3.E-26	2.E-21	1.E-11
Pd107	0.	0.	1.E-08	8.E-10	0.	0.	7.E-01	4.E-02	6.E-10	3.E-11	1.E-16	6.E-18	6.E-01	3.E-02
Po210	0.	0.	6.E-26	6.E-20	0.	0.	2.E-18	2.E-12	3.E-27	3.E-21	1.E-33	1.E-27	1.E-18	1.E-12
Po213	0.	0.	9.E-37	2.E-18	0.	0.	8.E-27	2.E-08	4.E-38	1.E-19	0.	0.	9.E-28	2.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AW-102 MOLES	TANK AW-102 CURIES	TANK AW-103 MOLES	TANK AW-103 CURIES	TANK AW-105 MOLES	TANK AW-105 CURIES	TANK AW-106 MOLES	TANK AW-106 CURIES	TANK AX-101 MOLES	TANK AX-101 CURIES	TANK AX-102 MOLES	TANK AX-102 CURIES	TANK AX-103 MOLES	TANK AX-103 CURIES
Po214	0.	0.	1.E-35	9.E-19	0.	0.	1.E-27	7.E-11	6.E-37	4.E-20	0.	0.	2.E-28	2.E-11
Po215	0.	0.	1.E-29	7.E-14	0	0.	7.E-22	5.E-06	5.E-31	3.E-15	7.E-38	4.E-22	5.E-22	3.E-06
Po218	0.	0.	1.E-29	7.E-19	0.	0.	9.E-22	6.E-11	5.E-31	3.E-20	4.E-37	3.E-26	2.E-22	1.E-11
Pu238	0.	0.	1.E-15	5.E-12	0.	0.	6.E-07	2.E-03	6.E-17	3.E-13	3.E-22	1.E-18	9.E-08	4.E-04
Pu239	0.	0.	8.E-16	1.E-14	0.	0.	2.E-06	3.E-05	4.E-17	6.E-16	2.E-22	3.E-21	8.E-07	1.E-05
Pu240	0.	0.	9.E-15	5.E-13	0.	0.	3.E-07	2.E-05	5.E-16	3.E-14	3.E-23	2.E-21	4.E-07	2.E-05
Pu241	0.	0.	5.E-19	1.E-14	0.	0.	4.E-09	1.E-04	3.E-20	7.E-16	2.E-25	5.E-21	4.E-09	9.E-05
Ra223	0.	0.	6.E-21	7.E-14	0.	0.	4.E-13	4.E-06	3.E-22	3.E-15	4.E-29	4.E-22	3.E-13	3.E-06
Ra225	0.	0.	3.E-25	3.E-18	0.	0.	2.E-15	2.E-08	1.E-26	1.E-19	6.E-31	5.E-24	3.E-16	2.E-09
Ra226	0.	0.	3.E-21	7.E-19	0.	0.	3.E-13	6.E-11	1.E-22	3.E-20	1.E-28	3.E-26	6.E-14	1.E-11
Ru106	0.	0.	2.E-14	6.E-09	0.	0.	2.E-05	6.E+00	7.E-16	3.E-10	5.E-22	2.E-16	9.E-06	3.E+00
Sb126	0.	0.	2.E-16	2.E-09	0.	0.	8.E-13	9.E-06	7.E-18	7.E-11	3.E-22	3.E-15	5.E-15	6.E-08
Sb126m	0.	0.	2.E-19	2.E-09	0.	0.	9.E-16	9.E-06	7.E-21	7.E-11	3.E-25	3.E-15	5.E-18	5.E-08
Se79	0.	0.	9.E-10	5.E-09	0.	0.	8.E-02	4.E-01	4.E-11	2.E-10	7.E-18	4.E-17	6.E-02	4.E-01
Sm151	0.	0.	4.E-10	2.E-06	0.	0.	2.E+00	8.E+03	2.E-11	8.E-08	2.E-16	9.E-13	6.E-01	2.E+03
Sn126	0.	0.	4.E-10	2.E-09	0.	0.	2.E+00	7.E+00	2.E-11	7.E-11	9.E-16	3.E-15	6.E-01	2.E+00
Sr90	0.	0.	7.E-09	9.E-05	0.	0.	4.E+01	4.E+05	3.E-10	4.E-06	1.E-14	2.E-10	2.E+00	2.E+04
Tc99	0.	0.	2.E-07	4.E-07	0.	0.	9.E+00	1.E+01	1.E-08	2.E-08	9.E-16	1.E-15	7.E+00	1.E+01
Th227	0.	0.	9.E-21	6.E-14	0.	0.	6.E-13	4.E-06	4.E-22	3.E-15	6.E-29	4.E-22	5.E-13	3.E-06
Th229	0.	0.	5.E-20	3.E-18	0.	0.	4.E-10	2.E-08	2.E-21	1.E-19	1.E-25	5.E-24	5.E-11	2.E-09
Th230	0.	0.	2.E-18	8.E-18	0.	0.	3.E-09	2.E-08	7.E-20	3.E-19	3.E-24	2.E-23	1.E-09	5.E-09
Th231	0.	0.	1.E-21	1.E-13	0.	0.	3.E-22	3.E-14	5.E-23	7.E-15	2.E-38	3.E-30	7.E-22	9.E-14
Th234	0.	0.	1.E-18	6.E-12	0.	0.	4.E-15	2.E-08	5.E-20	3.E-13	8.E-32	4.E-25	2.E-15	1.E-08
Tl207	0.	0.	2.E-24	7.E-14	0.	0.	1.E-16	4.E-06	7.E-26	3.E-15	1.E-32	4.E-22	9.E-17	3.E-06
U233	0.	0.	3.E-17	7.E-17	0.	0.	4.E-08	8.E-08	1.E-18	3.E-18	8.E-24	2.E-23	7.E-09	2.E-08
U234	0.	0.	2.E-15	3.E-15	0.	0.	3.E-09	4.E-09	1.E-16	1.E-16	2.E-24	3.E-24	2.E-09	2.E-09
U235	0.	0.	3.E-10	1.E-13	0.	0.	6.E-11	3.E-14	1.E-11	7.E-15	5.E-27	3.E-30	3.E-11	1.E-14
U238	0.	0.	7.E-08	6.E-12	0.	0.	3.E-09	2.E-13	3.E-09	3.E-13	1.E-28	8.E-33	3.E-09	2.E-13
Y90	0.	0.	2.E-12	9.E-05	0.	0.	9.E-03	5.E+05	8.E-14	4.E-06	4.E-18	2.E-10	5.E-04	2.E+04
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	0.	0.	1.E-14	0.	0.	0.	1.E-06	0.	6.E-16	0.	1.E-22	0.	8.E-07	0.
Al	0.	0.	2.E-04	0.	0.	0.	1.E+05	0.	1.E-05	0.	1.E-20	0.	1.E+05	0.
Ba	0.	0.	2.E-10	0.	0.	0.	8.E-03	0.	1.E-11	0.	9.E-18	0.	3.E-03	0.
Bi	0.	0.	3.E-23	0.	0.	0.	3.E-14	0.	1.E-24	0.	1.E-29	0.	3.E-15	0.
C2H3O3	0.	0.	9.E-07	0.	0.	0.	3.E+03	0.	4.E-08	0.	5.E-13	0.	1.E+03	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AW-102 MOLES	TANK AW-102 CURIES	TANK AW-103 MOLES	TANK AW-103 CURIES	TANK AW-105 MOLES	TANK AW-105 CURIES	TANK AW-106 MOLES	TANK AW-106 CURIES	TANK AX-101 MOLES	TANK AX-101 CURIES	TANK AX-102 MOLES	TANK AX-102 CURIES	TANK AX-103 MOLES	TANK AX-103 CURIES
C6H5O7	0.	0.	1.E-04	0.	0.	0.	5.E+03	0.	5.E-06	0.	1.E-13	0.	5.E+03	0.
CO3	0.	0.	3.E-05	0.	0.	0.	1.E+05	0.	1.E-06	0.	1.E-11	0.	4.E+04	0.
Ca	0.	0.	9.E-10	0.	0.	0.	6.E-03	0.	4.E-11	0.	5.E-20	0.	2.E-02	0.
Ce	0.	0.	7.E-09	0.	0.	0.	8.E+00	0.	3.E-10	0.	2.E-21	0.	6.E+00	0.
Cl	0.	0.	2.E-15	0.	0.	0.	3.E-06	0.	8.E-17	0.	2.E-25	0.	2.E-06	0.
Cr	0.	0.	1.E-07	0.	0.	0.	3.E+02	0.	5.E-09	0.	6.E-14	0.	1.E+02	0.
EDTA	0.	0.	2.E-06	0.	0.	0.	4.E+03	0.	8.E-08	0.	9.E-13	0.	2.E+03	0.
F	0.	0.	9.E-07	0.	0.	0.	2.E+03	0.	4.E-08	0.	2.E-18	0.	1.E+03	0.
Fe	0.	0.	1.E-05	0.	0.	0.	3.E+03	0.	6.E-07	0.	2.E-13	0.	2.E+03	0.
Fe(CN)6	0.	0.	1.E-11	0.	0.	0.	4.E-01	0.	6.E-13	0.	7.E-18	0.	1.E-01	0.
HEDTA	0.	0.	4.E-06	0.	0.	0.	8.E+03	0.	2.E-07	0.	2.E-12	0.	4.E+03	0.
K	0.	0.	2.E-06	0.	0.	0.	1.E+03	0.	8.E-08	0.	1.E-14	0.	1.E+03	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	9.E-07	0.	0.	0.	1.E+03	0.	4.E-08	0.	5.E-13	0.	1.E+03	0.
NO2	0.	0.	3.E-05	0.	0.	0.	4.E+04	0.	1.E-06	0.	9.E-13	0.	3.E+04	0.
NO3	0.	0.	2.E-03	0.	0.	0.	2.E+06	0.	8.E-05	0.	1.E-10	0.	5.E+05	0.
Na	1.E+01	0.	4.E+02	0.	4.E+02	0.	2.E+06	0.	3.E+02	0.	2.E+01	0.	3.E+05	0.
Ni	0.	0.	4.E-09	0.	0.	0.	2.E-01	0.	2.E-10	0.	2.E-22	0.	2.E-01	0.
OH	1.E+01	0.	4.E+02	0.	4.E+02	0.	2.E+02	0.	3.E+02	0.	2.E+01	0.	5.E+01	0.
PO4	0.	0.	2.E-06	0.	0.	0.	1.E+03	0.	8.E-08	0.	1.E-14	0.	8.E+02	0.
Pb	0.	0.	1.E-11	0.	0.	0.	8.E-03	0.	6.E-13	0.	8.E-25	0.	9.E-03	0.
SiO3	0.	0.	2.E-06	0.	0.	0.	2.E+03	0.	8.E-08	0.	1.E-14	0.	2.E+03	0.
SO4	0.	0.	7.E-06	0.	0.	0.	6.E+04	0.	3.E-07	0.	1.E-11	0.	8.E+03	0.
Sr	0.	0.	9.E-10	0.	0.	0.	3.E+00	0.	4.E-11	0.	7.E-15	0.	9.E-01	0.
ZrO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK AX-104		TANK AY-101		TANK AY-102		TANK AZ-101		TANK AZ-102		TANK B-101		TANK B-102	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	1.E-17	2.E-10	7.E-15	9.E-08	6.E-18	8.E-11	3.E-15	3.E-08	4.E-19	6.E-12	9.E-28	1.E-20	2.E-18	2.E-11
Ac227	4.E-10	6.E-06	1.E-09	2.E-05	2.E-10	3.E-06	4.E-10	6.E-06	1.E-10	2.E-06	2.E-22	3.E-18	2.E-10	4.E-06
Am241	5.E-02	4.E+01	9.E-01	7.E+02	7.E-02	6.E+01	3.E-01	2.E+02	7.E-02	6.E+01	2.E-14	1.E-11	3.E-04	2.E-01
Am242	3.E-10	7.E-02	7.E-09	1.E+00	5.E-10	1.E-01	2.E-09	4.E-01	5.E-10	9.E-02	5.E-39	9.E-31	2.E-12	5.E-04
Am242m	3.E-05	7.E-02	5.E-04	1.E+00	4.E-05	1.E-01	2.E-04	4.E-01	4.E-05	9.E-02	4.E-34	9.E-31	2.E-07	5.E-04
Am243	7.E-04	3.E-02	1.E-02	5.E-01	1.E-03	6.E-02	3.E-03	1.E-01	1.E-03	5.E-02	7.E-33	3.E-31	5.E-06	3.E-04
At217	5.E-25	2.E-10	2.E-22	9.E-08	2.E-25	8.E-11	1.E-22	3.E-08	2.E-26	6.E-12	3.E-35	1.E-20	6.E-26	2.E-11
Ba137m	4.E-12	3.E-01	6.E-08	5.E+03	3.E-08	2.E+03	3.E-07	2.E+04	5.E-08	4.E+03	2.E-36	1.E-25	3.E-10	2.E+01
Bi210	3.E-20	7.E-13	1.E-18	3.E-11	1.E-19	3.E-12	3.E-19	7.E-12	5.E-19	1.E-11	8.E-33	2.E-25	2.E-21	5.E-14
Bi211	3.E-17	3.E-06	2.E-16	2.E-05	3.E-17	3.E-06	7.E-17	6.E-06	3.E-17	2.E-06	3.E-29	3.E-18	5.E-17	4.E-06
Bi213	2.E-20	8.E-11	2.E-17	9.E-08	2.E-20	8.E-11	9.E-18	4.E-08	1.E-21	6.E-12	3.E-30	1.E-20	5.E-21	2.E-11
Bi214	3.E-22	3.E-12	4.E-20	4.E-10	3.E-21	3.E-11	1.E-20	1.E-10	3.E-21	3.E-11	8.E-35	8.E-25	3.E-23	2.E-13
C14	4.E-01	3.E+01	7.E-01	5.E+01	5.E-02	3.E+00	4.E-01	3.E+01	8.E-01	5.E+01	2.E-30	1.E-28	1.E-02	6.E-01
Cm242	7.E-08	5.E-02	1.E-06	1.E+00	1.E-07	8.E-02	4.E-07	3.E-01	9.E-08	7.E-02	1.E-36	8.E-31	5.E-10	4.E-04
Cm244	1.E-05	3.E-01	2.E-04	4.E+00	3.E-05	6.E-01	4.E-05	8.E-01	2.E-05	4.E-01	1.E-34	3.E-30	1.E-07	2.E-03
Cm245	3.E-07	1.E-05	4.E-06	2.E-04	6.E-07	3.E-05	8.E-07	3.E-05	5.E-07	2.E-05	3.E-36	1.E-34	2.E-09	1.E-07
Cs135	2.E+00	3.E-01	8.E-01	1.E-01	6.E-02	9.E-03	6.E-01	1.E-01	5.E-02	8.E-03	2.E-30	3.E-31	2.E-01	3.E-02
Cs137	1.E+01	1.E+05	4.E+00	5.E+04	2.E-01	3.E+03	2.E+00	3.E+04	4.E-01	4.E+03	1.E-29	1.E-25	3.E-01	3.E+03
Fr221	4.E-21	2.E-10	2.E-18	9.E-08	2.E-21	8.E-11	9.E-19	3.E-08	1.E-22	6.E-12	3.E-31	1.E-20	5.E-22	2.E-11
Fr223	1.E-17	9.E-08	3.E-17	3.E-07	5.E-18	4.E-08	1.E-17	9.E-08	4.E-18	3.E-08	5.E-30	4.E-20	7.E-18	6.E-08
I129	2.E+00	4.E-02	3.E+00	8.E-02	5.E-01	1.E-02	1.E+00	3.E-02	1.E+00	2.E-02	1.E-29	3.E-31	6.E-02	1.E-03
Nb93m	3.E-05	7.E-01	2.E-03	4.E+01	2.E-05	5.E-01	7.E-04	2.E+01	7.E-04	2.E+01	3.E-35	9.E-31	3.E-07	7.E-03
Ni63	5.E-02	2.E+02	8.E-07	3.E-03	1.E-04	4.E-01	1.E-03	5.E+00	4.E-02	1.E+02	4.E-31	2.E-27	3.E-03	1.E+01
Np237	2.E-01	3.E-02	2.E-01	3.E-02	5.E-03	9.E-04	1.E-01	2.E-02	2.E-02	3.E-03	4.E-12	7.E-13	2.E-02	3.E-03
Np239	6.E-10	3.E-02	9.E-09	5.E-01	1.E-09	6.E-02	3.E-09	1.E-01	9.E-10	5.E-02	6.E-39	3.E-31	4.E-12	2.E-04
Pa231	1.E-06	2.E-05	6.E-06	7.E-05	8.E-07	9.E-06	2.E-06	2.E-05	7.E-07	7.E-06	9.E-19	1.E-17	6.E-07	7.E-06
Pa233	5.E-09	3.E-02	7.E-09	3.E-02	2.E-10	9.E-04	4.E-09	2.E-02	7.E-10	3.E-03	1.E-19	7.E-13	7.E-10	3.E-03
Pa234m	3.E-24	4.E-13	2.E-13	4.E-02	8.E-15	1.E-03	6.E-17	1.E-05	6.E-21	9.E-10	0.	0.	1.E-26	2.E-15
Pb209	3.E-20	3.E-11	9.E-17	9.E-08	8.E-20	8.E-11	4.E-17	3.E-08	3.E-22	3.E-13	1.E-29	1.E-20	2.E-20	2.E-11
Pb210	2.E-17	3.E-13	2.E-15	2.E-11	1.E-16	2.E-12	4.E-16	7.E-12	4.E-17	6.E-13	1.E-29	2.E-25	3.E-18	4.E-14
Pb211	2.E-16	1.E-06	4.E-15	2.E-05	5.E-16	3.E-06	1.E-15	6.E-06	2.E-17	1.E-07	5.E-28	3.E-18	8.E-16	4.E-06
Pb214	1.E-22	1.E-12	5.E-20	4.E-10	4.E-21	3.E-11	2.E-20	1.E-10	2.E-22	1.E-12	1.E-34	8.E-25	3.E-23	2.E-13
Pd107	1.E+00	8.E-02	3.E+00	2.E-01	4.E-01	2.E-02	9.E-01	5.E-02	8.E-01	4.E-02	7.E-30	4.E-31	3.E-02	2.E-03
Po210	2.E-18	1.E-12	2.E-17	2.E-11	2.E-18	2.E-12	6.E-18	6.E-12	1.E-17	1.E-11	2.E-31	2.E-25	4.E-20	4.E-14
Po213	6.E-29	2.E-10	3.E-26	8.E-08	3.E-29	8.E-11	1.E-26	3.E-08	2.E-30	6.E-12	4.E-39	1.E-20	8.E-30	2.E-11

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AX-104 MOLES	TANK AX-104 CURIES	TANK AY-101 MOLES	TANK AY-101 CURIES	TANK AY-102 MOLES	TANK AY-102 CURIES	TANK AZ-101 MOLES	TANK AZ-101 CURIES	TANK AZ-102 MOLES	TANK AZ-102 CURIES	TANK B-101 MOLES	TANK B-101 CURIES	TANK B-102 MOLES	TANK B-102 CURIES
Po214	1.E-28	7.E-12	7.E-27	5.E-10	5.E-28	3.E-11	2.E-27	2.E-10	5.E-28	3.E-11	0.	0.	4.E-30	3.E-13
Po215	1.E-21	6.E-06	3.E-21	2.E-05	4.E-22	3.E-06	1.E-21	6.E-06	4.E-22	2.E-06	4.E-34	3.E-18	7.E-22	4.E-06
Po218	1.E-22	6.E-12	6.E-21	4.E-10	4.E-22	3.E-11	2.E-21	1.E-10	4.E-22	3.E-11	1.E-35	8.E-25	4.E-24	2.E-13
Pu238	1.E-08	4.E-05	7.E-07	3.E-03	2.E-08	9.E-05	5.E-07	2.E-03	9.E-08	4.E-04	4.E-19	2.E-15	1.E-08	5.E-05
Pu239	7.E-09	1.E-07	7.E-07	1.E-05	2.E-08	2.E-07	1.E-06	2.E-05	3.E-07	4.E-06	1.E-15	1.E-14	7.E-07	1.E-05
Pu240	6.E-08	3.E-06	2.E-06	1.E-04	2.E-07	9.E-06	8.E-07	4.E-05	6.E-07	3.E-05	6.E-17	3.E-15	9.E-08	5.E-06
Pu241	2.E-12	5.E-08	8.E-10	2.E-05	1.E-11	2.E-07	3.E-09	7.E-05	1.E-09	2.E-05	5.E-18	1.E-13	4.E-09	9.E-05
Ra223	5.E-13	6.E-06	2.E-12	2.E-05	2.E-13	3.E-06	5.E-13	6.E-06	2.E-13	2.E-06	2.E-25	3.E-18	4.E-13	4.E-06
Ra225	2.E-17	2.E-10	1.E-14	9.E-08	9.E-18	8.E-11	4.E-15	3.E-08	7.E-19	6.E-12	1.E-27	1.E-20	2.E-18	2.E-11
Ra226	3.E-14	6.E-12	2.E-12	4.E-10	1.E-13	3.E-11	6.E-13	1.E-10	1.E-13	3.E-11	3.E-27	8.E-25	1.E-15	2.E-13
Ru106	3.E-08	1.E-02	4.E-06	1.E+00	5.E-07	2.E-01	2.E-05	6.E+00	1.E-06	4.E-01	1.E-37	4.E-32	5.E-11	2.E-05
Sb126	7.E-22	7.E-15	1.E-14	1.E-07	3.E-13	4.E-06	1.E-12	1.E-05	2.E-14	2.E-07	0.	0.	3.E-22	4.E-15
Sb126m	7.E-25	7.E-15	1.E-17	1.E-07	4.E-16	4.E-06	1.E-15	1.E-05	2.E-17	2.E-07	0.	0.	4.E-25	4.E-15
Se79	1.E-01	8.E-01	2.E-01	1.E+00	4.E-02	2.E-01	9.E-02	5.E-01	8.E-02	4.E-01	9.E-31	5.E-30	5.E-03	3.E-02
Sm151	5.E-10	2.E-06	4.E+00	2.E+04	2.E-02	8.E+01	2.E+00	8.E+03	3.E-08	1.E-04	3.E-37	1.E-33	3.E-09	1.E-05
Sn126	2.E-16	6.E-16	4.E+00	1.E+01	2.E-02	8.E-02	2.E+00	7.E+00	7.E-14	2.E-13	0.	0.	1.E-15	3.E-15
Sr90	4.E-01	5.E+03	1.E+02	2.E+06	2.E-01	2.E+03	5.E+01	6.E+05	3.E+01	4.E+05	5.E-30	7.E-26	2.E-02	2.E+02
Tc99	2.E+01	3.E+01	3.E+01	5.E+01	4.E+00	7.E+00	1.E+01	2.E+01	9.E+00	1.E+01	1.E-28	2.E-28	5.E-01	9.E-01
Th227	7.E-21	5.E-14	3.E-12	2.E-05	4.E-13	3.E-06	9.E-13	6.E-06	3.E-21	2.E-14	6.E-26	4.E-19	7.E-21	5.E-14
Th229	3.E-20	1.E-18	2.E-09	9.E-08	2.E-12	8.E-11	7.E-10	3.E-08	2.E-21	8.E-20	4.E-23	2.E-21	3.E-21	2.E-19
Th230	8.E-22	4.E-21	1.E-08	6.E-08	4.E-11	2.E-10	6.E-09	3.E-08	1.E-22	5.E-22	7.E-26	3.E-25	5.E-23	2.E-22
Th231	3.E-30	4.E-22	1.E-11	2.E-03	5.E-13	6.E-05	5.E-21	7.E-13	3.E-27	4.E-19	2.E-31	2.E-23	6.E-30	8.E-22
Th234	8.E-28	4.E-21	7.E-09	4.E-02	2.E-10	1.E-03	2.E-12	1.E-05	2.E-24	9.E-18	0.	0.	3.E-30	2.E-23
Tl207	2.E-16	6.E-06	5.E-16	2.E-05	7.E-17	3.E-06	2.E-16	6.E-06	6.E-17	2.E-06	7.E-29	3.E-18	1.E-16	4.E-06
U233	2.E-10	4.E-10	4.E-15	8.E-15	0.	0.	6.E-09	1.E-08	1.E-10	3.E-10	1.E-17	3.E-17	4.E-09	1.E-08
U234	8.E-12	1.E-11	2.E-13	3.E-13	0.	0.	8.E-10	1.E-09	4.E-11	5.E-11	3.E-20	5.E-20	6.E-11	9.E-11
U235	5.E-14	2.E-17	6.E-08	3.E-11	0.	0.	4.E-10	2.E-13	7.E-10	3.E-13	3.E-19	1.E-22	1.E-11	7.E-15
U238	4.E-12	3.E-16	8.E-06	6.E-10	0.	0.	7.E-08	5.E-12	9.E-08	7.E-12	0.	0.	3.E-12	2.E-16
Y90	1.E-07	6.E+00	3.E-02	2.E+06	5.E-05	3.E+03	1.E-02	6.E+05	6.E-05	3.E+03	1.E-33	7.E-26	3.E-06	1.E+02
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	8.E-07	0.	4.E-06	0.	5.E-07	0.	1.E-06	0.	1.E-06	0.	9.E-36	0.	9.E-08	0.
Al	3.E+04	0.	1.E+04	0.	6.E+03	0.	6.E+04	0.	1.E+04	0.	8.E-06	0.	2.E+04	0.
Ba	4.E-06	0.	2.E-02	0.	1.E-02	0.	3.E-02	0.	6.E+00	0.	3.E-30	0.	2.E-04	0.
Bi	4.E-16	0.	2.E-13	0.	8.E-16	0.	5.E-14	0.	4.E-14	0.	7.E-26	0.	5.E-16	0.
C2H3O3	0.	0.	3.E+03	0.	4.E+01	0.	2.E+03	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AX-104 MOLES	TANK AX-104 CURIES	TANK AY-101 MOLES	TANK AY-101 CURIES	TANK AY-102 MOLES	TANK AY-102 CURIES	TANK AZ-101 MOLES	TANK AZ-101 CURIES	TANK AZ-102 MOLES	TANK AZ-102 CURIES	TANK B-101 MOLES	TANK B-101 CURIES	TANK B-102 MOLES	TANK B-102 CURIES
C6H5O7	2.E+03	0.	2.E+04	0.	4.E+03	0.	7.E+03	0.	2.E+04	0.	2.E-05	0.	2.E+04	0.
CO3	5.E+03	0.	1.E+05	0.	1.E+03	0.	8.E+04	0.	2.E-04	0.	4.E-06	0.	7.E+04	0.
Ca	6.E-05	0.	4.E-01	0.	3.E-02	0.	2.E-01	0.	2.E+01	0.	5.E-13	0.	6.E-04	0.
Ce	7.E-02	0.	9.E-06	0.	2.E-01	0.	3.E+00	0.	1.E-13	0.	9.E-31	0.	1.E+00	0.
Cl	3.E-07	0.	5.E-10	0.	7.E-08	0.	1.E-06	0.	6.E-18	0.	5.E-35	0.	2.E-05	0.
Cr	4.E-15	0.	3.E+02	0.	4.E+00	0.	2.E+02	0.	2.E-12	0.	1.E-23	0.	2.E-14	0.
EDTA	0.	0.	5.E+03	0.	6.E+01	0.	4.E+03	0.	0.	0.	0.	0.	0.	0.
F	2.E+02	0.	8.E-03	0.	5.E+01	0.	7.E+02	0.	1.E-10	0.	9.E-28	0.	4.E+02	0.
Fe	3.E+02	0.	5.E+03	0.	6.E+02	0.	3.E+03	0.	3.E+03	0.	4.E-06	0.	3.E+03	0.
Fe(CN)6	5.E-09	0.	4.E-02	0.	4.E-04	0.	3.E-02	0.	1.E-10	0.	2.E-34	0.	1.E-04	0.
HEDTA	0.	0.	9.E+03	0.	1.E+02	0.	7.E+03	0.	0.	0.	0.	0.	0.	0.
K	4.E+02	0.	3.E+02	0.	6.E+01	0.	6.E+02	0.	8.E-07	0.	1.E-12	0.	1.E-03	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	5.E+01	0.	1.E+03	0.	4.E+01	0.	1.E+03	0.	3.E+03	0.	6.E-08	0.	5.E+01	0.
NO2	8.E+03	0.	5.E+03	0.	1.E+03	0.	2.E+04	0.	1.E-04	0.	2.E-25	0.	6.E+03	0.
NO3	9.E+04	0.	9.E+05	0.	5.E+04	0.	1.E+06	0.	2.E+05	0.	7.E-05	0.	2.E+05	0.
Na	4.E+04	0.	1.E+06	0.	5.E+04	0.	1.E+06	0.	2.E+05	0.	2.E+02	0.	3.E+05	0.
Ni	4.E+02	0.	3.E-03	0.	4.E-01	0.	3.E+00	0.	3.E+02	0.	1.E-07	0.	1.E+02	0.
OH	8.E-01	0.	3.E+02	0.	9.E+01	0.	3.E+02	0.	3.E+02	0.	2.E+02	0.	2.E+01	0.
PO4	2.E+00	0.	2.E+02	0.	5.E+01	0.	5.E+02	0.	8.E-07	0.	3.E-26	0.	4.E+03	0.
Pb	2.E-04	0.	2.E-03	0.	7.E-04	0.	6.E-03	0.	7.E-02	0.	3.E-07	0.	2.E-03	0.
SiO3	3.E+03	0.	9.E+01	0.	5.E+01	0.	8.E+02	0.	2.E-06	0.	6.E-08	0.	3.E+02	0.
SO4	2.E+03	0.	7.E+04	0.	3.E+02	0.	4.E+04	0.	2.E-01	0.	3.E-26	0.	2.E+04	0.
Sr	6.E-03	0.	6.E+01	0.	5.E-02	0.	2.E+01	0.	8.E-02	0.	2.E-30	0.	5.E-04	0.
ZrO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-34	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK B-103 MOLES	TANK B-103 CURIES	TANK B-104 MOLES	TANK B-104 CURIES	TANK B-105 MOLES	TANK B-105 CURIES	TANK B-106 MOLES	TANK B-106 CURIES	TANK B-107 MOLES	TANK B-107 CURIES	TANK B-108 MOLES	TANK B-108 CURIES	TANK B-109 MOLES	TANK B-109 CURIES
Ac225	7.E-17	9.E-10	7.E-18	1.E-10	5.E-17	7.E-10	2.E-18	2.E-11	3.E-17	4.E-10	6.E-17	8.E-10	1.E-17	2.E-10
Ac227	4.E-10	7.E-06	3.E-10	5.E-06	5.E-09	9.E-05	2.E-10	3.E-06	4.E-10	6.E-06	5.E-10	9.E-06	2.E-10	3.E-06
Am241	9.E-03	7.E+00	4.E-07	3.E-04	7.E-07	6.E-04	2.E-04	2.E-01	5.E-07	4.E-04	6.E-03	5.E+00	2.E-03	2.E+00
Am242	5.E-11	1.E-02	4.E-15	9.E-07	1.E-14	2.E-06	2.E-12	4.E-04	2.E-15	5.E-07	6.E-11	1.E-02	2.E-11	4.E-03
Am242m	4.E-06	1.E-02	4.E-10	9.E-07	1.E-09	2.E-06	2.E-07	4.E-04	2.E-10	5.E-07	5.E-06	1.E-02	2.E-06	4.E-03
Am243	8.E-05	4.E-03	4.E-10	2 E-08	1.E-09	6.E-08	4.E-06	2.E-04	3.E-09	1.E-07	1.E-04	7.E-03	5.E-05	2.E-03
At217	2.E-24	9.E-10	3.E-25	9.E-11	2.E-24	6.E-10	7.E-26	2.E-11	1.E-24	4.E-10	2.E-24	8.E-10	4.E-25	2.E-10
Ba137m	6.E-10	4.E+01	2.E-10	1.E+01	1.E-10	1.E+01	9.E-10	7.E+01	1.E-09	1.E+02	7.E-12	5.E-01	1.E-09	8.E+01
Bi210	1.E-20	3.E-13	2.E-20	4.E-13	7.E-20	2.E-12	1.E-21	3.E-14	4.E-21	1.E-13	5.E-20	1.E-12	2.E-20	5.E-13
Bi211	4.E-17	3.E-06	6.E-17	5.E-06	1.E-15	9.E-05	4.E-17	3.E-06	7.E-17	6.E-06	5.E-17	5.E-06	2.E-17	2.E-06
Bi213	1.E-19	4.E-10	2.E-20	1.E-10	2.E-19	7.E-10	6.E-21	2.E-11	1.E-19	4.E-10	1.E-19	4.E-10	2.E-20	9.E-11
Bi214	1.E-22	1.E-12	1.E-22	9.E-13	3.E-22	3.E-12	2.E-23	2.E-13	2.E-23	2.E-13	4.E-22	4.E-12	2.E-22	2.E-12
C14	5.E-02	3.E+00	7.E-03	4.E-01	2.E-01	1.E+01	7.E-03	5.E-01	1.E-01	6.E+00	2.E-01	1.E+01	6.E-02	4.E+00
Cm242	1.E-08	8.E-03	9.E-13	7.E-07	3.E-12	2.E-06	4.E-10	3.E-04	5.E-13	4.E-07	1.E-08	1.E-02	4.E-09	4.E-03
Cm244	1.E-06	2.E-02	3.E-10	6.E-06	1.E-08	3.E-04	9.E-08	2.E-03	3.E-07	6.E-03	7.E-06	1.E-01	2.E-06	4.E-02
Cm245	2.E-08	1.E-06	2.E-12	8.E-11	1.E-10	4.E-09	2.E-09	8.E-08	3.E-09	1.E-07	1.E-07	6.E-06	5.E-08	2.E-06
Cs135	5.E-01	7.E-02	6.E-01	9.E-02	4.E+00	6.E-01	2.E-01	2.E-02	1.E+00	2.E-01	8.E-01	1.E-01	4.E-01	6.E-02
Cs137	1.E+00	1.E+04	5.E-01	6.E+03	4.E+00	5.E+04	2.E-01	2.E+03	5.E+00	6.E+04	3.E+00	4.E+04	1.E+00	2.E+04
Fr221	2.E-20	9.E-10	2.E-21	1.E-10	2.E-20	7.E-10	6.E-22	2.E-11	1.E-20	4.E-10	2.E-20	8.E-10	4.E-21	2.E-10
Fr223	1.E-17	1.E-07	9.E-18	8.E-08	1.E-16	1.E-06	5.E-18	4.E-08	1.E-17	8.E-08	1.E-17	1.E-07	5.E-18	5.E-08
I129	3.E-01	8.E-03	1.E-01	3.E-03	9.E-01	2.E-02	4.E-02	1.E-03	8.E-01	2.E-02	2.E+00	4.E-02	6.E-01	1.E-02
Nb93m	1.E-05	3.E-01	6.E-07	2.E-02	4.E-06	1.E-01	2.E-07	5.E-03	4.E-06	1.E-01	2.E-05	5.E-01	6.E-06	1.E-01
Ni63	3.E-03	1.E+01	4.E-03	2.E+01	7.E-02	3.E+02	2.E-03	7.E+00	2.E-02	7.E+01	4.E-04	1.E+00	2.E-03	9.E+00
Np237	1.E-01	2.E-02	4.E-02	6.E-03	3.E-01	5.E-02	1.E-02	2.E-03	4.E-01	6.E-02	5.E-01	8.E-02	2.E-01	3.E-02
Np239	7.E-11	4.E-03	3.E-16	2.E-08	1.E-15	7.E-08	3.E-12	2.E-04	2.E-15	1.E-07	1.E-10	7.E-03	4.E-11	2.E-03
Pa231	1.E-06	1.E-05	8.E-07	9.E-06	1.E-05	1.E-04	5.E-07	5.E-06	1.E-06	1.E-05	2.E-06	2.E-05	6.E-07	6.E-06
Pa233	3.E-09	2.E-02	1.E-09	6.E-03	1.E-08	5.E-02	5.E-10	2.E-03	1.E-08	6.E-02	2.E-08	8.E-02	6.E-09	3.E-02
Pa234m	3.E-26	6.E-15	5.E-24	8.E-13	7.E-27	1.E-15	5.E-26	8.E-15	5.E-31	7.E-20	5.E-29	8.E-18	5.E-24	8.E-13
Pb209	9.E-19	9.E-10	1.E-19	1.E-10	7.E-19	7.E-10	2.E-20	2.E-11	5.E-19	4.E-10	8.E-19	8.E-10	2.E-19	2.E-10
Pb210	4.E-17	6.E-13	3.E-17	4.E-13	1.E-16	2.E-12	2.E-18	3.E-14	7.E-18	1.E-13	2.E-16	3.E-12	5.E-17	9.E-13
Pb211	1.E-15	7.E-06	1.E-15	5.E-06	2.E-14	9.E-05	6.E-16	3.E-06	1.E-15	6.E-06	2.E-15	9.E-06	6.E-16	3.E-06
Pb214	4.E-22	3.E-12	1.E-22	9.E-13	4.E-22	3.E-12	3.E-23	2.E-13	3.E-23	2.E-13	1.E-21	8.E-12	4.E-22	3.E-12
Pd107	2.E-01	1.E-02	5.E-02	3.E-03	4.E-01	2.E-02	2.E-02	1.E-03	6.E-01	3.E-02	1.E+00	7.E-02	4.E-01	2.E-02
Po210	6.E-19	6.E-13	4.E-19	4.E-13	2.E-18	2.E-12	3.E-20	3.E-14	1.E-19	1.E-13	3.E-18	3.E-12	9.E-19	9.E-13
Po213	3.E-28	9.E-10	3.E-29	9.E-11	2.E-28	6.E-10	8.E-30	2.E-11	2.E-28	4.E-10	3.E-28	8.E-10	6.E-29	2.E-10

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-103 MOLES	TANK B-103 CURIES	TANK B-104 MOLES	TANK B-104 CURIES	TANK B-105 MOLES	TANK B-105 CURIES	TANK B-106 MOLES	TANK B-106 CURIES	TANK B-107 MOLES	TANK B-107 CURIES	TANK B-108 MOLES	TANK B-108 CURIES	TANK B-109 MOLES	TANK B-109 CURIES
Po214	5.E-29	4.E-12	2.E-29	1.E-12	5.E-29	4.E-12	3.E-30	2.E-13	4.E-30	3.E-13	1.E-28	1.E-11	5.E-29	4.E-12
Po215	1.E-21	7.E-06	9.E-22	5.E-06	1.E-20	9.E-05	5.E-22	3.E-06	9.E-22	6.E-06	1.E-21	9.E-06	5.E-22	3.E-06
Po218	5.E-23	3.E-12	2.E-23	9.E-13	5.E-23	3.E-12	3.E-24	2.E-13	3.E-24	2.E-13	1.E-22	8.E-12	5.E-23	3.E-12
Pu238	1.E-07	4.E-04	0.	0.	0.	0.	9.E-09	4.E-05	0.	0.	1.E-07	5.E-04	3.E-08	1.E-04
Pu239	1.E-06	1.E-05	0.	0.	0.	0.	5.E-07	7.E-06	0.	0.	6.E-08	9.E-07	2.E-08	3.E-07
Pu240	4.E-07	2.E-05	0.	0.	0.	0.	7.E-08	4.E-06	0.	0.	8.E-07	4.E-05	2.E-07	1.E-05
Pu241	4.E-09	1.E-04	0.	0.	0.	0.	3.E-09	7.E-05	0.	0.	2.E-10	4.E-06	4.E-11	1.E-06
Ra223	6.E-13	7.E-06	5.E-13	5.E-06	8.E-12	9.E-05	3.E-13	3.E-06	5.E-13	6.E-06	8.E-13	9.E-06	3.E-13	3.E-06
Ra225	1.E-16	9.E-10	1.E-17	1.E-10	7.E-17	7.E-10	3.E-18	2.E-11	5.E-17	4.E-10	9.E-17	8.E-10	2.E-17	2.E-10
Ra226	1.E-14	3.E-12	4.E-15	9.E-13	1.E-14	3.E-12	8.E-16	2.E-13	9.E-16	2.E-13	4.E-14	8.E-12	1.E-14	3.E-12
Ru106	1.E-08	4.E-03	2.E-13	7.E-08	1.E-12	5.E-07	4.E-11	1.E-05	2.E-10	5.E-05	2.E-08	6.E-03	5.E-09	2.E-03
Sb126	6.E-14	6.E-07	3.E-21	3.E-14	6.E-21	6.E-14	2.E-22	3.E-15	3.E-21	4.E-14	7.E-22	7.E-15	1.E-13	1.E-06
Sb126m	6.E-17	6.E-07	3.E-24	3.E-14	6.E-24	6.E-14	3.E-25	3.E-15	4.E-24	4.E-14	7.E-25	7.E-15	1.E-16	1.E-06
Se79	3.E-02	1.E-01	9.E-03	5.E-02	7.E-02	4.E-01	3.E-03	2.E-02	7.E-02	4.E-01	1.E-01	7.E-01	5.E-02	3.E-01
Sm151	6.E-02	2.E+02	2.E-08	9.E-05	5.E-08	2.E-04	2.E-09	8.E-06	3.E-08	1.E-04	2.E-09	9.E-06	3.E-05	1.E-01
Sn126	6.E-02	2.E-01	8.E-15	3.E-14	1.E-14	5.E-14	7.E-16	3.E-15	1.E-14	4.E-14	7.E-16	3.E-15	3.E-05	1.E-04
Sr90	3.E-01	4.E+03	2.E-01	2.E+03	1.E-02	1.E+02	1.E-02	2.E+02	9.E-03	1.E+02	2.E+00	2.E+04	5.E-01	6.E+03
Tc99	3.E+00	5.E+00	1.E+00	2.E+00	8.E+00	1.E+01	4.E-01	7.E-01	7.E+00	1.E+01	2.E+01	3.E+01	5.E+00	9.E+00
Th227	1.E-12	7.E-06	7.E-21	5.E-14	1.E-19	8.E-13	3.E-21	2.E-14	7.E-21	5.E-14	1.E-20	9.E-14	4.E-13	3.E-06
Th229	2.E-11	9.E-10	3.E-20	1.E-18	1.E-19	5.E-18	7.E-21	3.E-19	1.E-19	5.E-18	2.E-19	1.E-17	3.E-12	2.E-10
Th230	7.E-11	3.E-10	5.E-26	2.E-25	7.E-24	3.E-23	5.E-23	2.E-22	6.E-27	3.E-26	2.E-21	8.E-21	7.E-14	3.E-13
Th231	8.E-22	1.E-13	3.E-30	4.E-22	3.E-33	4.E-25	6.E-30	8.E-22	6.E-36	7.E-28	2.E-30	2.E-22	3.E-22	4.E-14
Th234	1.E-21	6.E-15	2.E-27	9.E-21	3.E-30	2.E-23	1.E-29	7.E-23	2.E-34	1.E-27	1.E-32	7.E-26	2.E-19	8.E-13
Tl207	2.E-16	7.E-06	1.E-16	5.E-06	2.E-15	9.E-05	8.E-17	3.E-06	1.E-16	6.E-06	2.E-16	9.E-06	8.E-17	3.E-06
U233	8.E-09	2.E-08	9.E-09	2.E-08	5.E-09	1.E-08	8.E-09	2.E-08	2.E-08	3.E-08	9.E-10	2.E-09	6.E-09	1.E-08
U234	2.E-10	3.E-10	4.E-14	5.E-14	2.E-13	3.E-13	1.E-10	1.E-10	3.E-15	4.E-15	2.E-11	2.E-11	7.E-11	1.E-10
U235	9.E-12	5.E-15	7.E-12	3.E-15	4.E-16	2.E-19	3.E-11	1.E-14	3.E-18	1.E-21	3.E-14	1.E-17	2.E-12	8.E-16
U238	3.E-12	3.E-16	9.E-10	7.E-14	9.E-14	7.E-18	2.E-11	2.E-15	2.E-17	2.E-21	8.E-17	6.E-21	2.E-10	2.E-14
Y90	9.E-05	4.E+03	6.E-06	3.E+02	3.E-06	2.E+02	4.E-06	2.E+02	2.E-06	1.E+02	6.E-07	3.E+01	1.E-04	7.E+03
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	4.E-07	0.	2.E-07	0.	1.E-06	0.	6.E-08	0.	1.E-06	0.	2.E-06	0.	8.E-07	0.
Al	5.E+04	0.	7.E+04	0.	5.E+03	0.	1.E+04	0.	3.E+05	0.	3.E+05	0.	1.E+05	0.
Ba	5.E-04	0.	2.E-04	0.	2.E-04	0.	9.E-04	0.	1.E-03	0.	8.E-06	0.	9.E-04	0.
Bi	5.E-15	0.	3.E-14	0.	1.E-14	0.	1.E-16	0.	2.E-15	0.	2.E-15	0.	1.E-15	0.
C2H3O3	4.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-01	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-103 MOLES	TANK B-103 CURIES	TANK B-104 MOLES	TANK B-104 CURIES	TANK B-105 MOLES	TANK B-105 CURIES	TANK B-106 MOLES	TANK B-106 CURIES	TANK B-107 MOLES	TANK B-107 CURIES	TANK B-108 MOLES	TANK B-108 CURIES	TANK B-109 MOLES	TANK B-109 CURIES
C6H5O7	3.E+04	0.	0.	0.	0.	0.	1.E+04	0.	0.	0.	2.E+04	0.	7.E+03	0.
CO3	1.E+05	0.	2.E+05	0.	1.E+06	0.	5.E+04	0.	7.E+04	0.	7.E+04	0.	3.E+04	0.
Ca	2.E-03	0.	0.	0.	0.	0.	5.E-04	0.	0.	0.	8.E-05	0.	2.E-03	0.
Ce	3.E+00	0.	7.E+01	0.	5.E+00	0.	6.E-01	0.	3.E+01	0.	7.E+00	0.	4.E+00	0.
Cl	3.E-05	0.	8.E-05	0.	5.E-04	0.	2.E-05	0.	2.E-05	0.	2.E-05	0.	7.E-06	0.
Cr	7.E-01	0.	9.E-14	0.	1.E-13	0.	1.E-14	0.	3.E-14	0.	2.E-14	0.	4.E-04	0.
EDTA	6.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E-01	0.
F	2.E+03	0.	3.E+04	0.	5.E+03	0.	3.E+02	0.	4.E+03	0.	7.E+03	0.	5.E+03	0.
Fe	4.E+03	0.	5.E-21	0.	9.E-21	0.	2.E+03	0.	9.E-22	0.	4.E+03	0.	1.E+03	0.
Fe(CN)6	3.E-03	0.	0.	0.	0.	0.	6.E-05	0.	3.E+01	0.	8.E+01	0.	3.E+01	0.
HEDTA	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+00	0.	1.E+00	0.
K	6.E+02	0.	0.	0.	0.	0.	1.E-03	0.	0.	0.	7.E+02	0.	2.E+03	0.
La	7.E-14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-13	0.
Mn	2.E+02	0.	0.	0.	0.	0.	4.E+01	0.	0.	0.	7.E+01	0.	2.E+01	0.
NO2	4.E+04	0.	5.E+04	0.	4.E+03	0.	3.E+03	0.	4.E+05	0.	3.E+05	0.	1.E+05	0.
NO3	5.E+05	0.	8.E+05	0.	1.E+06	0.	1.E+05	0.	3.E+06	0.	4.E+05	0.	5.E+05	0.
Na	7.E+05	0.	1.E+06	0.	4.E+06	0.	2.E+05	0.	2.E+06	0.	2.E+05	0.	3.E+05	0.
Ni	1.E+02	0.	0.	0.	0.	0.	9.E+01	0.	5.E-03	0.	2.E-02	0.	1.E-02	0.
OH	3.E+01	0.	4.E+01	0.	7.E+01	0.	3.E+01	0.	6.E+01	0.	4.E+00	0.	2.E+01	0.
PO4	7.E+03	0.	6.E+04	0.	5.E+04	0.	3.E+03	0.	4.E+03	0.	5.E+01	0.	2.E+03	0.
Pb	3.E-03	0.	2.E-10	0.	3.E-09	0.	2.E-03	0.	2.E-10	0.	4.E-04	0.	1.E-04	0.
SiO3	2.E+03	0.	1.E+04	0.	8.E+02	0.	2.E+02	0.	1.E+04	0.	7.E+03	0.	3.E+03	0.
SO4	3.E+04	0.	7.E+04	0.	4.E+05	0.	1.E+04	0.	3.E+04	0.	2.E+04	0.	8.E+03	0.
Sr	6.E-01	0.	0.	0.	0.	0.	4.E-04	0.	0.	0.	6.E+00	0.	2.E+00	0.
ZrO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK B-110 MOLES	TANK B-110 CURIES	TANK B-111 MOLES	TANK B-111 CURIES	TANK B-112 MOLES	TANK B-112 CURIES	TANK B-201 MOLES	TANK B-201 CURIES	TANK B-202 MOLES	TANK B-202 CURIES	TANK B-203 MOLES	TANK B-203 CURIES	TANK B-204 MOLES	TANK B-204 CURIES
Ac225	1.E-16	1.E-09	2.E-14	2.E-07	2.E-16	3.E-09	0.	0.	2.E-26	2.E-19	0.	0.	0.	0.
Ac227	4.E-09	7.E-05	4.E-08	6.E-04	4.E-09	7.E-05	0.	0.	2.E-16	4.E-12	0.	0.	0.	0.
Am241	2.E+00	1.E+03	3.E-06	3.E-03	5.E-02	4.E+01	0.	0.	4.E-09	4.E-06	0.	0.	0.	0.
Am242	2.E-08	4.E+00	2.E-14	4.E-06	5.E-10	9.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Am242m	2.E-03	4.E+00	2.E-09	4.E-06	4.E-05	9.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Am243	5.E-02	2.E+00	2.E-08	1.E-06	1.E-03	5.E-02	0.	0.	0.	0.	0.	0.	0.	0.
At217	4.E-24	1.E-09	6.E-22	2.E-07	8.E-24	3.E-09	0.	0.	7.E-34	2.E-19	0.	0.	0.	0.
Ba137m	1.E-06	7.E+04	9.E-06	7.E+05	8.E-12	6.E-01	0.	0.	0.	0.	0.	0.	0.	0.
Bi210	3.E-18	7.E-11	4.E-19	1.E-11	8.E-19	2.E-11	0.	0.	3.E-27	7.E-20	0.	0.	0.	0.
Bi211	8.E-16	7.E-05	7.E-15	6.E-04	8.E-16	7.E-05	0.	0.	2.E-24	2.E-13	0.	0.	0.	0.
Bi213	4.E-19	1.E-09	5.E-17	2.E-07	7.E-19	3.E-09	0.	0.	4.E-30	2.E-20	0.	0.	0.	0.
Bi214	5.E-20	4.E-10	3.E-21	3.E-11	7.E-21	6.E-11	0.	0.	3.E-29	3.E-19	0.	0.	0.	0.
C14	4.E-04	2.E-02	2.E+00	1.E+02	1.E+00	8.E+01	0.	0.	0.	0.	0.	0.	0.	0.
Cm242	4.E-06	3.E+00	4.E-12	3.E-06	9.E-08	7.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Cm244	1.E-03	2.E+01	8.E-05	2.E+00	5.E-05	1.E+00	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	2.E-05	1.E-03	7.E-07	3.E-05	1.E-06	5.E-05	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	2.E+00	2.E-01	1.E+01	2.E+00	6.E+00	1.E+00	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	7.E+00	8.E+04	6.E+01	7.E+05	2.E+01	3.E+05	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	4.E-20	1.E-09	5.E-18	2.E-07	7.E-20	3.E-09	0.	0.	6.E-30	2.E-19	0.	0.	0.	0.
Fr223	1.E-16	1.E-06	1.E-15	8.E-06	1.E-16	1.E-06	0.	0.	6.E-24	5.E-14	0.	0.	0.	0.
I129	2.E+01	5.E-01	2.E+02	5.E+00	1.E+01	3.E-01	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	5.E-05	1.E+00	2.E-03	7.E+01	1.E-04	4.E+00	0.	0.	0.	0.	0.	0.	0.	0.
Ni63	5.E-01	2.E+03	9.E-02	4.E+02	5.E-04	2.E+00	0.	0.	0.	0.	0.	0.	0.	0.
Np237	2.E-01	3.E-02	7.E+01	1.E+01	4.E+00	6.E-01	0.	0.	2.E-10	3.E-11	0.	0.	0.	0.
Np239	4.E-08	2.E+00	2.E-14	1.E-06	9.E-10	5.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Pa231	2.E-05	2.E-04	1.E-04	1.E-03	1.E-05	1.E-04	0.	0.	9.E-13	1.E-11	0.	0.	0.	0.
Pa233	5.E-09	3.E-02	3.E-06	1.E+01	1.E-07	6.E-01	0.	0.	6.E-18	3.E-11	0.	0.	0.	0.
Pa234m	5.E-12	8.E-01	2.E-33	3.E-22	2.E-29	3.E-18	0.	0.	0.	0.	0.	0.	0.	0.
Pb209	1.E-18	1.E-09	2.E-16	2.E-07	8.E-19	8.E-10	0.	0.	4.E-29	3.E-20	0.	0.	0.	0.
Pb210	4.E-15	7.E-11	6.E-16	1.E-11	3.E-16	5.E-12	0.	0.	1.E-23	2.E-19	0.	0.	0.	0.
Pb211	1.E-14	7.E-05	1.E-13	6.E-04	4.E-15	2.E-05	0.	0.	9.E-23	5.E-13	0.	0.	0.	0.
Pb214	6.E-20	4.E-10	4.E-21	3.E-11	2.E-21	2.E-11	0.	0.	9.E-29	6.E-19	0.	0.	0.	0.
Pd107	2.E+01	9.E-01	1.E+02	8.E+00	9.E+00	5.E-01	0.	0.	0.	0.	0.	0.	0.	0.
Po210	7.E-17	7.E-11	1.E-17	1.E-11	2.E-17	2.E-11	0.	0.	1.E-24	1.E-18	0.	0.	0.	0.
Po213	5.E-28	1.E-09	7.E-26	2.E-07	1.E-27	3.E-09	0.	0.	9.E-38	2.E-19	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-110 MOLES	TANK B-110 CURIES	TANK B-111 MOLES	TANK B-111 CURIES	TANK B-112 MOLES	TANK B-112 CURIES	TANK B-201 MOLES	TANK B-201 CURIES	TANK B-202 MOLES	TANK B-202 CURIES	TANK B-203 MOLES	TANK B-203 CURIES	TANK B-204 MOLES	TANK B-204 CURIES
Po214	8.E-27	5.E-10	5.E-28	3.E-11	1.E-27	8.E-11	0.	0.	8.E-35	5.E-18	0.	0.	0.	0.
Po215	1.E-20	7.E-05	1.E-19	6.E-04	1.E-20	7.E-05	0.	0.	6.E-28	4.E-12	0.	0.	0.	0.
Po218	7.E-21	4.E-10	5.E-22	3.E-11	1.E-21	6.E-11	0.	0.	7.E-29	4.E-18	0.	0.	0.	0.
Pu238	5.E-05	2.E-01	4.E-08	1.E-04	7.E-07	3.E-03	0.	0.	2.E-11	7.E-08	0.	0.	0.	0.
Pu239	3.E-05	4.E-04	2.E-11	3.E-10	4.E-07	6.E-06	0.	0.	2.E-07	3.E-06	0.	0.	0.	0.
Pu240	3.E-04	2.E-02	3.E-05	2.E-03	6.E-06	3.E-04	0.	0.	2.E-08	1.E-06	0.	0.	0.	0.
Pu241	1.E-08	3.E-04	4.E-10	1.E-05	9.E-10	2.E-05	0.	0.	6.E-10	1.E-05	0.	0.	0.	0.
Ra223	6.E-12	7.E-05	5.E-11	6.E-04	6.E-12	7.E-05	0.	0.	3.E-19	3.E-12	0.	0.	0.	0.
Ra225	2.E-16	1.E-09	2.E-14	2.E-07	3.E-16	3.E-09	0.	0.	3.E-26	2.E-19	0.	0.	0.	0.
Ra226	2.E-12	4.E-10	1.E-13	3.E-11	3.E-13	6.E-11	0.	0.	2.E-20	4.E-18	0.	0.	0.	0.
Ru106	1.E-08	5.E-03	3.E-08	1.E-02	1.E-07	5.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Sb126	2.E-22	2.E-15	2.E-21	2.E-14	5.E-21	5.E-14	0.	0.	0.	0.	0.	0.	0.	0.
Sb126m	2.E-25	2.E-15	2.E-24	2.E-14	5.E-24	5.E-14	0.	0.	0.	0.	0.	0.	0.	0.
Se79	1.E+00	8.E+00	2.E+01	9.E+01	1.E+00	6.E+00	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	9.E-10	4.E-06	1.E-08	6.E-05	6.E-09	2.E-05	0.	0.	0.	0.	0.	0.	0.	0.
Sn126	4.E-16	2.E-15	5.E-15	2.E-14	2.E-15	6.E-15	0.	0.	0.	0.	0.	0.	0.	0.
Sr90	6.E+00	7.E+04	1.E-08	1.E-04	1.E+01	2.E+05	0.	0.	0.	0.	0.	0.	0.	0.
Tc99	2.E+02	3.E+02	2.E+03	3.E+03	1.E+02	2.E+02	0.	0.	0.	0.	0.	0.	0.	0.
Th227	9.E-12	7.E-05	8.E-11	6.E-04	1.E-19	8.E-13	0.	0.	4.E-25	3.E-18	0.	0.	0.	0.
Th229	3.E-11	1.E-09	4.E-09	2.E-07	9.E-19	4.E-17	0.	0.	4.E-27	2.E-25	0.	0.	0.	0.
Th230	5.E-09	2.E-08	3.E-14	1.E-13	3.E-21	2.E-20	0.	0.	1.E-23	4.E-23	0.	0.	0.	0.
Th231	4.E-10	5.E-02	1.E-26	1.E-18	6.E-30	8.E-22	0.	0.	1.E-28	2.E-20	0.	0.	0.	0.
Th234	2.E-07	8.E-01	5.E-29	3.E-22	6.E-33	3.E-26	0.	0.	0.	0.	0.	0.	0.	0.
Tl207	2.E-15	7.E-05	2.E-14	6.E-04	2.E-15	7.E-05	0.	0.	9.E-23	4.E-12	0.	0.	0.	0.
U233	1.E-06	3.E-06	2.E-04	5.E-04	6.E-14	1.E-13	0.	0.	1.E-20	3.E-20	0.	0.	0.	0.
U234	3.E-04	4.E-04	3.E-09	4.E-09	9.E-16	1.E-15	0.	0.	5.E-17	7.E-17	0.	0.	0.	0.
U235	1.E+02	5.E-02	3.E-15	1.E-18	9.E-19	4.E-22	0.	0.	2.E-15	8.E-19	0.	0.	0.	0.
U238	1.E+04	9.E-01	3.E-18	3.E-22	4.E-22	3.E-26	0.	0.	0.	0.	0.	0.	0.	0.
Y90	1.E-03	7.E+04	3.E-12	1.E-04	1.E-06	7.E+01	0.	0.	0.	0.	0.	0.	0.	0.
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	1.E-05	0.	1.E-04	0.	1.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	3.E+05	0.	1.E+05	0.	2.E+06	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ba	1.E+02	0.	1.E+01	0.	7.E-06	0.	0.	0.	2.E-03	0.	0.	0.	0.	0.
Bi	1.E-14	0.	1.E-12	0.	1.E-14	0.	0.	0.	2.E-23	0.	3.E-23	0.	0.	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-110 MOLES	TANK B-110 CURIES	TANK B-111 MOLES	TANK B-111 CURIES	TANK B-112 MOLES	TANK B-112 CURIES	TANK B-201 MOLES	TANK B-201 CURIES	TANK B-202 MOLES	TANK B-202 CURIES	TANK B-203 MOLES	TANK B-203 CURIES	TANK B-204 MOLES	TANK B-204 CURIES
C6H5O7	5.E+05	0.	0.	0.	2.E+05	0.	0.	0.	3.E+03	0.	0.	0.	0.	0.
CO3	0.	0.	1.E+05	0.	5.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ca	4.E+02	0.	5.E-16	0.	6.E-05	0.	0.	0.	3.E+00	0.	0.	0.	0.	0.
Ce	0.	0.	1.E-01	0.	5.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	6.E-06	0.	1.E-04	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	9.E-13	0.	2.E-15	0.	4.E-14	0.	0.	0.	5.E-14	0.	9.E-14	0.	9.E-14	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	9.E-38	0.	1.E+02	0.	4.E+04	0.	0.	0.	3.E+04	0.	5.E+04	0.	5.E+04	0.
Fe	8.E+04	0.	5.E-20	0.	3.E+04	0.	0.	0.	7.E+02	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	8.E+01	0.	6.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	3.E+02	0.	9.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	3.E+04	0.	5.E+03	0.	0.	0.	4.E+04	0.	4.E+04	0.	4.E+04	0.
La	0.	0.	0	0.	0.	0.	0.	0.	2.E-12	0.	2.E-12	0.	2.E-12	0.
Mn	1.E+03	0.	6.E+01	0.	5.E+02	0.	0.	0.	2.E+01	0.	9.E+00	0.	9.E+00	0.
NO2	0.	0.	8.E+05	0.	2.E+06	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	5.E+04	0.	2.E+06	0.	2.E+06	0.	0.	0.	3.E+05	0.	2.E+05	0.	2.E+05	0.
Na	3.E+05	0.	2.E+06	0.	2.E+05	0.	1.E+01	0.	3.E+05	0.	3.E+05	0.	3.E+05	0.
Ni	7.E+03	0.	2.E-03	0.	4.E-02	0.	0.	0.	3.E-08	0.	0.	0.	0.	0.
OH	2.E+00	0.	3.E+01	0.	9.E+00	0.	1.E+01	0.	1.E+04	0.	9.E+04	0.	9.E+04	0.
PO4	0.	0.	2.E+01	0.	4.E+00	0.	0.	0.	5.E+03	0.	5.E+03	0.	5.E+03	0.
Pb	4.E-04	0.	1.E-08	0.	9.E-04	0.	0.	0.	1.E-09	0.	0.	0.	0.	0.
SiO3	2.E-38	0.	1.E+04	0.	5.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	0.	0.	6.E+04	0.	1.E+05	0.	0.	0.	6.E+02	0.	7.E+02	0.	7.E+02	0.
Sr	2.E+00	0.	0.	0.	4.E+01	0.	0.	0.	3.E-01	0.	0.	0.	0.	0.
ZrO	1.E+00	0.	3.E-09	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK BX-101 MOLES	TANK BX-101 CURIES	TANK BX-102 MOLES	TANK BX-102 CURIES	TANK BX-103 MOLES	TANK BX-103 CURIES	TANK BX-104 MOLES	TANK BX-104 CURIES	TANK BX-105 MOLES	TANK BX-105 CURIES	TANK BX-106 MOLES	TANK BX-106 CURIES	TANK BX-107 MOLES	TANK BX-107 CURIES
Ac225	1.E-34	1.E-27	1.E-15	2.E-08	2.E-33	3.E-26	2.E-14	3.E-07	6.E-16	8.E-09	3.E-15	4.E-08	2.E-17	2.E-10
Ac227	1.E-27	2.E-23	1.E-08	2.E-04	3.E-26	6.E-22	4.E-08	6.E-04	2.E-08	3.E-04	4.E-08	6.E-04	1.E-09	2.E-05
Am241	1.E-19	1.E-16	8.E-01	7.E+02	1.E-22	9.E-20	4.E-06	4.E-03	4.E+00	4.E+03	3.E+00	3.E+03	1.E-06	1.E-03
Am242	8.E-28	2.E-19	6.E-09	1.E+00	8.E-32	1.E-23	2.E-14	4.E-06	4.E-08	7.E+00	2.E-08	5.E+00	1.E-16	2.E-08
Am242m	6.E-23	2.E-19	5.E-04	1.E+00	6.E-27	1.E-23	2.E-09	4.E-06	3.E-03	7.E+00	2.E-03	5.E+00	1.E-11	2.E-08
Am243	1.E-21	5.E-20	1.E-02	6.E-01	5.E-26	2.E-24	3.E-08	1.E-06	7.E-02	3.E+00	5.E-02	2.E+00	1.E-09	5.E-08
At217	0.	0.	5.E-23	2.E-08	0.	0.	8.E-22	3.E-07	2.E-23	8.E-09	1.E-22	4.E-08	6.E-25	2.E-10
Ba137m	1.E-25	1.E-14	4.E-06	3.E+05	1.E-23	1.E-12	1.E-05	7.E+05	2.E-06	2.E+05	3.E-05	2.E+06	1.E-09	7.E+01
Bi210	1.E-37	4.E-30	1.E-18	4.E-11	8.E-36	2.E-28	5.E-19	1.E-11	4.E-18	1.E-10	5.E-18	1.E-10	3.E-20	7.E-13
Bi211	2.E-34	2.E-23	2.E-15	2.E-04	6.E-33	6.E-22	7.E-15	6.E-04	3.E-15	3.E-04	7.E-15	6.E-04	2.E-16	2.E-05
Bi213	4.E-37	1.E-27	4.E-18	2.E-08	7.E-36	3.E-26	7.E-17	3.E-07	2.E-18	8.E-09	1.E-17	5.E-08	5.E-20	2.E-10
Bi214	0.	0.	1.E-20	1.E-10	7.E-38	7.E-28	4.E-21	4.E-11	6.E-20	6.E-10	7.E-20	7.E-10	1.E-22	1.E-12
C14	1.E-18	7.E-17	9.E+00	6.E+02	2.E-18	1.E-16	2.E+01	1.E+03	1.E+01	8.E+02	1.E+01	7.E+02	4.E-03	2.E-01
Cm242	2.E-25	1.E-19	1.E-06	1.E+00	2.E-29	1.E-23	4.E-12	3.E-06	7.E-06	6.E+00	5.E-06	4.E+00	2.E-14	2.E-08
Cm244	2.E-23	5.E-19	2.E-04	5.E+00	5.E-24	1.E-19	1.E-04	2.E+00	1.E-03	2.E+01	9.E-04	2.E+01	1.E-09	2.E-05
Cm245	5.E-25	2.E-23	5.E-06	2.E-04	5.E-26	2.E-24	9.E-07	4.E-05	2.E-05	9.E-04	2.E-05	7.E-04	7.E-12	3.E-10
Cs135	3.E-19	4.E-20	7.E+00	1.E+00	6.E-17	9.E-18	1.E+01	2.E+00	3.E+00	4.E-01	7.E+01	1.E+01	2.E+00	3.E-01
Cs137	9.E-19	1.E-14	3.E+01	3.E+05	1.E-16	1.E-12	7.E+01	8.E+05	2.E+01	2.E+05	2.E+02	2.E+06	1.E+00	2.E+04
Fr221	3.E-38	1.E-27	4.E-19	2.E-08	7.E-37	3.E-26	7.E-18	3.E-07	2.E-19	8.E-09	1.E-18	4.E-08	5.E-21	2.E-10
Fr223	3.E-35	2.E-25	3.E-16	2.E-06	9.E-34	8.E-24	1.E-15	9.E-06	5.E-16	4.E-06	1.E-15	9.E-06	3.E-17	3.E-07
I129	4.E-18	1.E-19	4.E+01	1.E+00	6.E-17	1.E-18	2.E+02	5.E+00	1.E+02	2.E+00	2.E+02	4.E+00	3.E-01	8.E-03
Nb93m	4.E-23	1.E-18	5.E-04	1.E+01	2.E-22	4.E-18	3.E-03	8.E+01	3.E-03	7.E+01	3.E-03	9.E+01	2.E-06	5.E-02
Ni63	1.E-19	5.E-16	1.E+00	5.E+03	8.E-19	3.E-15	0.	0.	5.E+00	2.E+04	4.E-01	2.E+03	1.E-02	5.E+01
Np237	6.E-19	9.E-20	5.E+00	9.E-01	1.E-17	2.E-18	6.E+01	1.E+01	6.E+00	1.E+00	3.E+01	4.E+00	1.E-01	2.E-02
Np239	9.E-28	5.E-20	1.E-08	6.E-01	4.E-32	2.E-24	2.E-14	1.E-06	5.E-08	3.E+00	4.E-08	2.E+00	9.E-16	5.E-08
Pa231	4.E-24	5.E-23	4.E-05	4.E-04	1.E-22	1.E-21	1.E-04	1.E-03	7.E-05	8.E-04	1.E-04	1.E-03	3.E-06	3.E-05
Pa233	2.E-26	9.E-20	2.E-07	9.E-01	5.E-25	2.E-18	2.E-06	1.E+01	2.E-07	1.E+00	9.E-07	4.E+00	4.E-09	2.E-02
Pa234m	0.	0.	1.E-21	2.E-10	0.	0.	5.E-34	8.E-23	9.E-28	1.E-16	5.E-15	8.E-04	3.E-24	5.E-13
Pb209	1.E-36	1.E-27	2.E-17	2.E-08	3.E-35	3.E-26	3.E-16	3.E-07	8.E-18	8.E-09	5.E-17	4.E-08	2.E-19	2.E-10
Pb210	2.E-34	3.E-30	2.E-15	3.E-11	1.E-32	2.E-28	8.E-16	1.E-11	6.E-15	1.E-10	7.E-15	1.E-10	4.E-17	7.E-13
Pb211	3.E-33	2.E-23	3.E-14	2.E-04	1.E-31	6.E-22	1.E-13	6.E-04	6.E-14	3.E-04	1.E-13	6.E-04	4.E-15	2.E-05
Pb214	2.E-39	1.E-29	2.E-20	1.E-10	1.E-37	7.E-28	6.E-21	4.E-11	8.E-20	6.E-10	1.E-19	7.E-10	2.E-22	1.E-12
Pd107	4.E-18	2.E-19	3.E+01	2.E+00	1.E-17	8.E-19	2.E+02	9.E+00	8.E+01	4.E+00	1.E+02	6.E+00	1.E-01	7.E-03
Po210	4.E-36	3.E-30	3.E-17	3.E-11	2.E-34	2.E-28	1.E-17	1.E-11	1.E-16	1.E-10	1.E-16	1.E-10	8.E-19	7.E-13
Po213	0.	0.	6.E-27	2.E-08	0.	0.	1.E-25	3.E-07	3.E-27	8.E-09	2.E-26	4.E-08	8.E-29	2.E-10

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-101 MOLES	TANK BX-101 CURIES	TANK BX-102 MOLES	TANK BX-102 CURIES	TANK BX-103 MOLES	TANK BX-103 CURIES	TANK BX-104 MOLES	TANK BX-104 CURIES	TANK BX-105 MOLES	TANK BX-105 CURIES	TANK BX-106 MOLES	TANK BX-106 CURIES	TANK BX-107 MOLES	TANK BX-107 CURIES
Po214	0.	0.	2.E-27	2.E-10	0.	0.	7.E-28	5.E-11	1.E-26	7.E-10	1.E-26	8.E-10	2.E-29	2.E-12
Po215	3.E-39	2.E-23	3.E-20	2.E-04	9.E-38	6.E-22	1.E-19	6.E-04	5.E-20	3.E-04	1.E-19	6.E-04	3.E-21	2.E-05
Po218	0.	0.	2.E-21	1.E-10	1.E-38	7.E-28	7.E-22	4.E-11	9.E-21	6.E-10	1.E-20	7.E-10	2.E-23	1.E-12
Pu238	2.E-24	1.E-20	2.E-05	9.E-02	2.E-27	7.E-24	3.E-06	1.E-02	7.E-05	3.E-01	3.E-05	1.E-01	0.	0.
Pu239	3.E-23	5.E-22	3.E-05	4.E-04	2.E-24	2.E-23	2.E-09	3.E-08	5.E-05	7.E-04	2.E-05	3.E-04	0.	0.
Pu240	1.E-23	6.E-22	1.E-04	6.E-03	2.E-24	1.E-22	6.E-05	3.E-03	3.E-04	2.E-02	1.E-04	8.E-03	0.	0.
Pu241	4.E-25	9.E-21	1.E-07	2.E-03	1.E-26	2.E-22	7.E-10	2.E-05	3.E-08	7.E-04	3.E-08	8.E-04	0.	0.
Ra223	2.E-30	2.E-23	1.E-11	2.E-04	5.E-29	6.E-22	5.E-11	6.E-04	3.E-11	3.E-04	5.E-11	6.E-04	2.E-12	2.E-05
Ra225	2.E-34	1.E-27	2.E-15	2.E-08	3.E-33	3.E-26	3.E-14	3.E-07	9.E-16	8.E-09	5.E-15	4.E-08	2.E-17	2.E-10
Ra226	6.E-32	1.E-29	6.E-13	1.E-10	3.E-30	7.E-28	2.E-13	4.E-11	3.E-12	6.E-10	3.E-12	7.E-10	6.E-15	1.E-12
Ru106	5.E-26	2.E-20	5.E-07	2.E-01	6.E-25	2.E-19	1.E-07	4.E-02	6.E-07	2.E-01	2.E-05	6.E+00	1.E-12	5.E-07
Sb126	0.	0.	4.E-18	4.E-11	3.E-37	3.E-30	0.	0.	0.	0.	6.E-07	6.E+00	9.E-21	1.E-13
Sb126m	0.	0.	4.E-21	4.E-11	0.	0.	0.	0.	0.	0.	7.E-10	6.E+00	1.E-23	1.E-13
Se79	3.E-19	2.E-18	3.E+00	2.E+01	2.E-18	1.E-17	2.E+01	9.E+01	8.E+00	4.E+01	1.E+01	7.E+01	3.E-02	1.E-01
Sm151	3.E-26	1.E-22	2.E-07	8.E-04	8.E-25	3.E-21	1.E-07	4.E-04	3.E-08	1.E-04	2.E+00	7.E+03	6.E-08	3.E-04
Sn126	4.E-33	1.E-32	1.E-11	4.E-11	8.E-31	3.E-30	0.	0.	0.	0.	2.E+00	6.E+00	3.E-14	9.E-14
Sr90	1.E-19	1.E-15	2.E+00	2.E+04	1.E-18	2.E-14	0.	0.	4.E+02	5.E+06	2.E+02	2.E+06	1.E-02	1.E+02
Tc99	4.E-17	6.E-17	4.E+02	6.E+02	2.E-16	4.E-16	2.E+03	3.E+03	9.E+02	2.E+03	1.E+03	2.E+03	3.E+00	5.E+00
Th227	2.E-30	2.E-23	2.E-11	2.E-04	8.E-29	5.E-22	8.E-11	6.E-04	4.E-11	3.E-04	8.E-11	6.E-04	3.E-20	2.E-13
Th229	3.E-29	1.E-27	3.E-10	2.E-08	6.E-28	3.E-26	6.E-09	3.E-07	2.E-10	8.E-09	9.E-10	4.E-08	5.E-20	3.E-18
Th230	8.E-31	4.E-30	9.E-12	4.E-11	1.E-31	6.E-31	4.E-12	2.E-11	1.E-11	6.E-11	3.E-09	1.E-08	3.E-24	2.E-23
Th231	4.E-38	4.E-30	1.E-19	1.E-11	3.E-38	3.E-30	7.E-25	9.E-17	2.E-20	3.E-12	3.E-13	3.E-05	2.E-30	2.E-22
Th234	3.E-38	2.E-31	4.E-17	2.E-10	1.E-35	7.E-29	2.E-29	8.E-23	3.E-23	1.E-16	1.E-10	8.E-04	8.E-28	4.E-21
Tl207	4.E-34	2.E-23	4.E-15	2.E-04	1.E-32	6.E-22	2.E-14	6.E-04	7.E-15	3.E-04	2.E-14	6.E-04	5.E-16	2.E-05
U233	2.E-24	4.E-24	2.E-05	4.E-05	4.E-23	8.E-23	2.E-04	5.E-04	1.E-05	3.E-05	3.E-05	6.E-05	3.E-08	8.E-08
U234	9.E-26	1.E-25	9.E-07	1.E-06	7.E-27	1.E-26	2.E-07	4.E-07	2.E-06	3.E-06	7.E-07	1.E-06	2.E-12	2.E-12
U235	9.E-27	5.E-30	3.E-08	1.E-11	7.E-27	3.E-30	2.E-13	9.E-17	6.E-09	3.E-12	7.E-02	3.E-05	6.E-12	3.E-15
U238	2.E-27	2.E-31	3.E-06	2.E-10	8.E-25	7.E-29	1.E-18	9.E-23	2.E-12	1.E-16	1.E+01	8.E-04	7.E-10	6.E-14
Y90	3.E-23	1.E-15	5.E-04	3.E+04	4.E-22	2.E-14	0.	0.	1.E-01	5.E+06	4.E-02	2.E+06	3.E-06	1.E+02
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	8.E-24	0.	5.E-05	0.	4.E-23	0.	3.E-04	0.	1.E-04	0.	2.E-04	0.	5.E-07	0.
Al	6.E-13	0.	3.E+06	0.	3.E-11	0.	0.	0.	7.E+05	0.	1.E+07	0.	1.E+05	0.
Ba	2.E-19	0.	7.E+00	0.	3.E-17	0.	2.E+01	0.	2.E+00	0.	1.E+01	0.	1.E-03	0.
Bi	9.E-33	0.	1.E-13	0.	3.E-31	0.	2.E-12	0.	1.E-13	0.	2.E-13	0.	7.E-14	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E+03	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-101 MOLES	TANK BX-101 CURIES	TANK BX-102 MOLES	TANK BX-102 CURIES	TANK BX-103 MOLES	TANK BX-103 CURIES	TANK BX-104 MOLES	TANK BX-104 CURIES	TANK BX-105 MOLES	TANK BX-105 CURIES	TANK BX-106 MOLES	TANK BX-106 CURIES	TANK BX-107 MOLES	TANK BX-107 CURIES
C6H5O7	6.E-13	0.	5.E+05	0.	3.E-14	0.	0.	0.	1.E+06	0.	1.E+06	0.	0.	0.
CO3	1.E-13	0.	8.E+05	0.	1.E-14	0.	3.E+06	0.	4.E+05	0.	2.E+06	0.	7.E+05	0.
Ca	2.E-20	0.	3.E-02	0.	8.E-22	0.	0.	0.	4.E-03	0.	6.E-01	0.	0.	0.
Ce	7.E-20	0.	3.E+01	0.	3.E-17	0.	2.E-03	0.	2.E+01	0.	6.E+02	0.	1.E+02	0.
Cl	2.E-24	0.	1.E-04	0.	3.E-29	0.	1.E-07	0.	2.E-05	0.	5.E-04	0.	2.E-04	0.
Cr	5.E-31	0.	1.E-12	0.	8.E-31	0.	0.	0.	0.	0.	5.E+00	0.	2.E-13	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+03	0.	0.	0.
F	4.E-15	0.	7.E+04	0.	9.E-13	0.	1.E+00	0.	5.E+04	0.	3.E+05	0.	1.E+05	0.
Fe	1.E-13	0.	9.E+04	0.	7.E-15	0.	0.	0.	2.E+05	0.	2.E+05	0.	0.	0.
Fe(CN)6	8.E-24	0.	4.E+02	0.	3.E-24	0.	1.E+00	0.	0.	0.	1.E+03	0.	0.	0.
HEDTA	9.E-18	0.	6.E+01	0.	5.E-23	0.	3.E+02	0.	7.E+01	0.	1.E+04	0.	0.	0.
K	6.E-16	0.	1.E+04	0.	3.E-21	0.	3.E+04	0.	8.E+04	0.	2.E+05	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E-24	0.	0.	0.
Mn	2.E-15	0.	2.E+03	0.	1.E-16	0.	1.E+02	0.	4.E+03	0.	7.E+03	0.	0.	0.
NO2	2.E-14	0.	2.E+06	0.	3.E-11	0.	9.E+05	0.	2.E+05	0.	7.E+06	0.	8.E+04	0.
NO3	5.E-12	0.	2.E+07	0.	1.E-10	0.	1.E+07	0.	4.E+06	0.	5.E+07	0.	1.E+06	0.
Na	1.E+01	0.	2.E+07	0.	5.E-07	0.	2.E+07	0.	5.E+06	0.	3.E+07	0.	4.E+06	0.
Ni	4.E-15	0.	1.E+04	0.	2.E-16	0.	0.	0.	2.E+04	0.	3.E+03	0.	0.	0.
OH	1.E+01	0.	1.E+04	0.	5.E-07	0.	1.E+06	0.	6.E+01	0.	5.E+04	0.	1.E+02	0.
PO4	2.E-15	0.	2.E+04	0.	3.E-14	0.	7.E+03	0.	5.E+01	0.	1.E+05	0.	3.E+05	0.
Pb	9.E-15	0.	7.E-02	0.	4.E-16	0.	1.E-08	0.	1.E-02	0.	9.E-02	0.	7.E-10	0.
SiO3	2.E-14	0.	2.E+06	0.	5.E-13	0.	2.E+04	0.	5.E+04	0.	3.E+05	0.	2.E+04	0.
SO4	9.E-15	0.	2.E+05	0.	6.E-14	0.	1.E+06	0.	3.E+05	0.	1.E+06	0.	2.E+05	0.
Sr	9.E-21	0.	6.E+00	0.	3.E-30	0.	0.	0.	1.E+02	0.	1.E+02	0.	0.	0.
ZrO	2.E-28	0.	5.E-01	0.	3.E-19	0.	2.E-05	0.	6.E+01	0.	1.E+01	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK BX-108		TANK BX-109		TANK BX-110		TANK BX-111		TANK BX-112		TANK BY-101		TANK BY-102	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	6.E-19	8.E-12	2.E-17	3.E-10	3.E-16	5.E-09	4.E-16	5.E-09	8.E-18	1.E-10	1.E-16	2.E-09	1.E-16	2.E-09
Ac227	4.E-12	6.E-08	1.E-09	2.E-05	7.E-09	1.E-04	7.E-09	1.E-04	6.E-10	1.E-05	9.E-09	1.E-04	3.E-09	4.E-05
Am241	4.E-09	3.E-06	4.E-07	3.E-04	7.E-02	6.E+01	8.E-02	6.E+01	3.E-07	3.E-04	1.E-01	8.E+01	3.E-02	2.E+01
Am242	1.E-17	2.E-09	9.E-15	2.E-06	7.E-10	1.E-01	7.E-10	1.E-01	8.E-15	2.E-06	1.E-09	2.E-01	3.E-10	5.E-02
Am242m	9.E-13	2.E-09	7.E-10	2.E-06	6.E-05	1.E-01	6.E-05	1.E-01	7.E-10	2.E-06	8.E-05	2.E-01	2.E-05	5.E-02
Am243	1.E-11	7.E-10	2.E-09	8.E-08	2.E-03	9.E-02	2.E-03	9.E-02	2.E-09	7.E-08	2.E-03	1.E-01	7.E-04	3.E-02
At217	2.E-26	8.E-12	8.E-25	3.E-10	1.E-23	5.E-09	1.E-23	5.E-09	3.E-25	1.E-10	5.E-24	2.E-09	5.E-24	2.E-09
Ba137m	1.E-09	1.E+02	1.E-09	9.E+01	3.E-10	3.E+01	5.E-10	3.E+01	9.E-10	6.E+01	2.E-09	1.E+02	2.E-06	2.E+05
Bi210	6.E-23	2.E-15	2.E-20	4.E-13	1.E-18	3.E-11	1.E-18	3.E-11	6.E-21	2.E-13	2.E-18	4.E-11	5.E-19	1.E-11
Bi211	7.E-19	6.E-08	3.E-16	2.E-05	1.E-15	1.E-04	1.E-15	1.E-04	1.E-16	1.E-05	2.E-15	1.E-04	5.E-16	4.E-05
Bi213	2.E-21	8.E-12	7.E-20	3.E-10	1.E-18	5.E-09	1.E-18	5.E-09	3.E-20	1.E-10	4.E-19	2.E-09	4.E-19	2.E-09
Bi214	3.E-25	3.E-15	7.E-23	7.E-13	1.E-20	1.E-10	1.E-20	1.E-10	3.E-23	3.E-13	1.E-20	1.E-10	4.E-21	4.E-11
C14	1.E-03	8.E-02	9.E-02	6.E+00	2.E+00	1.E+02	2.E+00	1.E+02	5.E-02	3.E+00	3.E+00	2.E+02	7.E-01	5.E+01
Cm242	2.E-15	2.E-09	2.E-12	1.E-06	1.E-07	1.E-01	1.E-07	1.E-01	2.E-12	1.E-06	2.E-07	2.E-01	6.E-08	4.E-02
Cm244	3.E-09	7.E-05	1.E-07	2.E-03	8.E-05	2.E+00	9.E-05	2.E+00	5.E-08	1.E-03	1.E-04	2.E+00	3.E-05	6.E-01
Cm245	3.E-11	1.E-09	8.E-10	3.E-08	2.E-06	7.E-05	2.E-06	7.E-05	5.E-10	2.E-08	2.E-06	9.E-05	7.E-07	3.E-05
Cs135	1.E-02	2.E-03	7.E-01	1.E-01	1.E+01	2.E+00	1.E+01	2.E+00	3.E-01	5.E-02	1.E+01	2.E+00	4.E+00	6.E-01
Cs137	5.E-02	6.E+02	2.E+00	2.E+04	4.E+01	5.E+05	4.E+01	5.E+05	7.E-01	9.E+03	5.E+01	6.E+05	1.E+01	2.E+05
Fr221	2.E-22	8.E-12	8.E-21	3.E-10	1.E-19	5.E-09	1.E-19	5.E-09	3.E-21	1.E-10	4.E-20	2.E-09	4.E-20	2.E-09
Fr223	1.E-19	8.E-10	4.E-17	3.E-07	2.E-16	2.E-06	2.E-16	2.E-06	2.E-17	2.E-07	2.E-16	2.E-06	7.E-17	6.E-07
I129	8.E-03	2.E-04	3.E-01	7.E-03	2.E+01	5.E-01	2.E+01	5.E-01	1.E-01	3.E-03	3.E+01	6.E-01	8.E+00	2.E-01
Nb93m	4.E-08	9.E-04	9.E-07	2.E-02	2.E-04	6.E+00	2.E-04	6.E+00	4.E-07	1.E-02	3.E-04	7.E+00	8.E-05	2.E+00
Ni63	2.E-05	9.E-02	2.E-02	8.E+01	5.E-03	2.E+01	5.E-03	2.E+01	1.E-02	4.E+01	8.E-03	3.E+01	2.E-03	9.E+00
Np237	3.E-03	5.E-04	1.E-01	2.E-02	6.E+00	9.E-01	6.E+00	1.E+00	6.E-02	1.E-02	7.E+00	1.E+00	2.E+00	4.E-01
Np239	1.E-17	6.E-10	1.E-15	8.E-08	1.E-09	8.E-02	2.E-09	8.E-02	1.E-15	7.E-08	2.E-09	1.E-01	6.E-10	3.E-02
Pa231	1.E-08	1.E-07	3.E-06	4.E-05	2.E-05	2.E-04	2.E-05	2.E-04	2.E-06	2.E-05	3.E-05	3.E-04	8.E-06	8.E-05
Pa233	1.E-10	5.E-04	5.E-09	2.E-02	2.E-07	9.E-01	2.E-07	1.E+00	2.E-09	1.E-02	3.E-07	1.E+00	7.E-08	4.E-01
Pa234m	4.E-26	7.E-15	4.E-27	7.E-16	3.E-29	4.E-18	3.E-29	5.E-18	5.E-24	9.E-13	2.E-29	3.E-18	1.E-29	2.E-18
Pb209	8.E-21	8.E-12	3.E-19	3.E-10	5.E-18	5.E-09	5.E-18	5.E-09	1.E-19	1.E-10	2.E-18	2.E-09	2.E-18	2.E-09
Pb210	9.E-20	1.E-15	2.E-17	4.E-13	2.E-15	3.E-11	2.E-15	3.E-11	9.E-18	1.E-13	2.E-15	4.E-11	7.E-16	1.E-11
Pb211	1.E-17	6.E-08	4.E-15	2.E-05	2.E-14	1.E-04	2.E-14	1.E-04	2.E-15	1.E-05	3.E-14	1.E-04	8.E-15	4.E-05
Pb214	4.E-25	3.E-15	1.E-22	7.E-13	1.E-20	1.E-10	1.E-20	1.E-10	4.E-23	3.E-13	2.E-20	1.E-10	5.E-21	4.E-11
Pd107	6.E-03	3.E-04	2.E-01	1.E-02	1.E+01	8.E-01	2.E+01	8.E-01	9.E-02	5.E-03	2.E+01	1.E+00	6.E+00	3.E-01
Po210	2.E-21	2.E-15	4.E-19	4.E-13	3.E-17	3.E-11	3.E-17	3.E-11	2.E-19	1.E-13	4.E-17	4.E-11	1.E-17	1.E-11
Po213	3.E-30	8.E-12	1.E-28	3.E-10	2.E-27	4.E-09	2.E-27	5.E-09	4.E-29	1.E-10	6.E-28	2.E-09	6.E-28	2.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-108 MOLES	TANK BX-108 CURIES	TANK BX-109 MOLES	TANK BX-109 CURIES	TANK BX-110 MOLES	TANK BX-110 CURIES	TANK BX-111 MOLES	TANK BX-111 CURIES	TANK BX-112 MOLES	TANK BX-112 CURIES	TANK BY-101 MOLES	TANK BY-101 CURIES	TANK BY-102 MOLES	TANK BY-102 CURIES
Po214	5.E-32	4.E-15	1.E-29	9.E-13	2.E-27	1.E-10	2.E-27	1.E-10	5.E-30	3.E-13	2.E-27	2.E-10	7.E-28	5.E-11
Po215	9.E-24	6.E-08	4.E-21	2.E-05	2.E-20	1.E-04	2.E-20	1.E-04	2.E-21	1.E-05	2.E-20	1.E-04	7.E-21	4.E-05
Po218	5.E-26	3.E-15	1.E-23	7.E-13	2.E-21	1.E-10	2.E-21	1.E-10	4.E-24	3.E-13	2.E-21	1.E-10	6.E-22	4.E-11
Pu238	0.	0.	0.	0.	1.E-06	5.E-03	1.E-06	5.E-03	0.	0.	1.E-06	6.E-03	1.E-06	5.E-03
Pu239	0.	0.	0.	0.	6.E-07	9.E-06	6.E-07	9.E-06	0.	0.	8.E-07	1.E-05	6.E-07	9.E-06
Pu240	0.	0.	0.	0.	1.E-05	5.E-04	1.E-05	5.E-04	0.	0.	1.E-05	7.E-04	1.E-05	5.E-04
Pu241	0.	0.	0.	0.	1.E-09	3.E-05	1.E-09	4.E-05	0.	0.	2.E-09	4.E-05	1.E-09	4.E-05
Ra223	5.E-15	6.E-08	2.E-12	2.E-05	9.E-12	1.E-04	1.E-11	1.E-04	9.E-13	1.E-05	1.E-11	1.E-04	4.E-12	4.E-05
Ra225	9.E-19	8.E-12	3.E-17	3.E-10	5.E-16	5.E-09	5.E-16	5.E-09	1.E-17	1.E-10	2.E-16	2.E-09	2.E-16	2.E-09
Ra226	1.E-17	3.E-15	3.E-15	7.E-13	4.E-13	1.E-10	5.E-13	1.E-10	1.E-15	3.E-13	6.E-13	1.E-10	2.E-13	4.E-11
Ru106	1.E-12	4.E-07	1.E-10	4.E-05	2.E-07	7.E-02	2.E-07	8.E-02	7.E-11	2.E-05	3.E-07	1.E-01	8.E-08	3.E-02
Sb126	9.E-23	1.E-15	3.E-21	3.E-14	8.E-21	8.E-14	8.E-21	8.E-14	3.E-21	3.E-14	9.E-21	9.E-14	3.E-21	3.E-14
Sb126m	1.E-25	1.E-15	3.E-24	3.E-14	8.E-24	8.E-14	9.E-24	8.E-14	3.E-24	3.E-14	9.E-24	9.E-14	3.E-24	3.E-14
Se79	6.E-04	3.E-03	2.E-02	1.E-01	2.E+00	9.E+00	2.E+00	9.E+00	1.E-02	6.E-02	2.E+00	1.E+01	6.E-01	3.E+00
Sm151	2.E-10	9.E-07	2.E-08	9.E-05	5.E-08	2.E-04	5.E-08	2.E-04	2.E-08	7.E-05	8.E-08	3.E-04	2.E-08	1.E-04
Sn126	3.E-16	9.E-16	9.E-15	3.E-14	1.E-14	5.E-14	2.E-14	6.E-14	8.E-15	3.E-14	3.E-14	9.E-14	9.E-15	3.E-14
Sr90	2.E-03	2.E+01	5.E-01	6.E+03	2.E+01	3.E+05	2.E+01	3.E+05	4.E-01	5.E+03	3.E+01	3.E+05	8.E+00	1.E+05
Tc99	7.E-02	1.E-01	3.E+00	4.E+00	2.E+02	3.E+02	2.E+02	3.E+02	1.E+00	2.E+00	2.E+02	4.E+02	7.E+01	1.E+02
Th227	1.E-22	7.E-16	3.E-20	2.E-13	2.E-19	2.E-12	2.E-19	2.E-12	1.E-20	9.E-14	2.E-19	2.E-12	6.E-12	4.E-05
Th229	2.E-21	8.E-20	5.E-20	3.E-18	9.E-19	4.E-17	9.E-19	4.E-17	3.E-20	1.E-18	4.E-19	2.E-17	4.E-11	2.E-09
Th230	6.E-27	3.E-26	1.E-23	6.E-23	7.E-21	3.E-20	7.E-21	3.E-20	8.E-25	4.E-24	2.E-21	8.E-21	3.E-13	1.E-12
Th231	2.E-32	3.E-24	3.E-33	4.E-25	6.E-30	8.E-22	6.E-30	8.E-22	2.E-30	2.E-22	3.E-30	4.E-22	3.E-22	3.E-14
Th234	1.E-29	7.E-23	2.E-30	9.E-24	6.E-33	3.E-26	1.E-32	7.E-26	2.E-27	9.E-21	6.E-33	3.E-26	3.E-25	2.E-18
Tl207	1.E-18	6.E-08	6.E-16	2.E-05	3.E-15	1.E-04	3.E-15	1.E-04	3.E-16	1.E-05	4.E-15	1.E-04	1.E-15	4.E-05
U233	2.E-09	4.E-09	2.E-08	4.E-08	2.E-08	4.E-08	2.E-08	5.E-08	1.E-08	3.E-08	3.E-08	7.E-08	3.E-06	8.E-06
U234	5.E-15	8.E-15	3.E-12	4.E-12	2.E-10	3.E-10	2.E-10	3.E-10	3.E-13	5.E-13	2.E-10	3.E-10	4.E-08	6.E-08
U235	2.E-13	8.E-17	3.E-15	2.E-18	3.E-13	2.E-16	4.E-13	2.E-16	3.E-12	2.E-15	4.E-13	2.E-16	7.E-11	3.E-14
U238	2.E-11	2.E-15	4.E-13	3.E-17	1.E-16	9.E-21	1.E-16	1.E-20	9.E-10	7.E-14	2.E-16	2.E-20	2.E-14	2.E-18
Y90	4.E-07	2.E+01	1.E-05	6.E+02	1.E-05	6.E+02	1.E-05	7.E+02	8.E-06	4.E+02	2.E-05	1.E+03	2.E-03	1.E+05
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	1.E-08	0.	4.E-07	0.	3.E-05	0.	3.E-05	0.	2.E-07	0.	3.E-05	0.	1.E-05	0.
Al	6.E+03	0.	1.E+05	0.	3.E+06	0.	3.E+06	0.	1.E+05	0.	4.E+06	0.	1.E+06	0.
Ba	2.E-03	0.	1.E-03	0.	3.E-04	0.	4.E-04	0.	1.E-03	0.	7.E-04	0.	2.E+00	0.
Bi	2.E-16	0.	3.E-15	0.	2.E-14	0.	2.E-14	0.	1.E-14	0.	3.E-15	0.	9.E-15	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-108 MOLES	TANK BX-108 CURIES	TANK BX-109 MOLES	TANK BX-109 CURIES	TANK BX-110 MOLES	TANK BX-110 CURIES	TANK BX-111 MOLES	TANK BX-111 CURIES	TANK BX-112 MOLES	TANK BX-112 CURIES	TANK BY-101 MOLES	TANK BY-101 CURIES	TANK BY-102 MOLES	TANK BY-102 CURIES
C6H5O7	0.	0.	0.	0.	3.E+05	0.	3.E+05	0.	0.	0.	3.E+05	0.	1.E+05	0.
CO3	1.E+03	0.	2.E+05	0.	8.E+05	0.	9.E+05	0.	7.E+04	0.	1.E+06	0.	3.E+05	0.
Ca	1.E-07	0.	1.E-04	0.	2.E-03	0.	2.E-03	0.	0.	0.	3.E-03	0.	9.E-04	0.
Ce	3.E-01	0.	2.E-02	0.	7.E+01	0.	7.E+01	0.	6.E+01	0.	9.E+01	0.	3.E+01	0.
Cl	4.E-07	0.	6.E-05	0.	2.E-04	0.	2.E-04	0.	2.E-05	0.	3.E-04	0.	8.E-05	0.
Cr	5.E-16	0.	6.E-15	0.	4.E-13	0.	4.E-13	0.	2.E-13	0.	6.E-13	0.	2.E-13	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	2.E+02	0.	1.E+01	0.	1.E+05	0.	1.E+05	0.	5.E+04	0.	1.E+05	0.	4.E+04	0.
Fe	2.E-22	0.	2.E-25	0.	4.E+04	0.	4.E+04	0.	3.E-22	0.	6.E+04	0.	2.E+04	0.
Fe(CN)6	5.E-02	0.	3.E+01	0.	1.E+03	0.	1.E+03	0.	2.E-14	0.	1.E+03	0.	4.E+02	0.
HEDTA	0.	0.	0.	0.	1.E+01	0.	1.E+01	0.	0.	0.	2.E+01	0.	5.E+00	0.
K	0.	0.	-1.E-03	0.	8.E+03	0.	8.E+03	0.	0.	0.	1.E+04	0.	3.E+03	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	8.E+02	0.	9.E+02	0.	0.	0.	1.E+03	0.	3.E+02	0.
NO2	8.E+03	0.	2.E+05	0.	3.E+06	0.	3.E+06	0.	1.E+05	0.	4.E+06	0.	1.E+06	0.
NO3	2.E+04	0.	1.E+06	0.	7.E+06	0.	8.E+06	0.	1.E+06	0.	1.E+07	0.	4.E+06	0.
Na	2.E+04	0.	1.E+06	0.	4.E+06	0.	5.E+06	0.	1.E+06	0.	8.E+06	0.	3.E+06	0.
Ni	6.E-13	0.	6.E-03	0.	4.E-01	0.	4.E-01	0.	2.E-26	0.	6.E-01	0.	2.E-01	0.
OH	8.E+00	0.	8.E+01	0.	7.E+01	0.	9.E+01	0.	5.E+01	0.	1.E+02	0.	7.E+01	0.
PO4	5.E+02	0.	4.E+04	0.	5.E+03	0.	8.E+03	0.	2.E+04	0.	3.E+04	0.	2.E+04	0.
Pb	2.E-12	0.	7.E-10	0.	5.E-03	0.	5.E-03	0.	3.E-10	0.	7.E-03	0.	2.E-03	0.
SiO3	2.E+02	0.	4.E+03	0.	8.E+04	0.	8.E+04	0.	1.E+04	0.	1.E+05	0.	3.E+04	0.
SO4	4.E+02	0.	4.E+04	0.	2.E+05	0.	2.E+05	0.	3.E+04	0.	3.E+05	0.	8.E+04	0.
Sr	0.	0.	2.E-03	0.	7.E+01	0.	7.E+01	0.	0.	0.	9.E+01	0.	3.E+01	0.
ZrO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+00	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK BY-103 MOLES	TANK BY-103 CURIES	TANK BY-104 MOLES	TANK BY-104 CURIES	TANK BY-105 MOLES	TANK BY-105 CURIES	TANK BY-106 MOLES	TANK BY-106 CURIES	TANK BY-107 MOLES	TANK BY-107 CURIES	TANK BY-108 MOLES	TANK BY-108 CURIES	TANK BY-109 MOLES	TANK BY-109 CURIES
Ac225	6.E-17	8.E-10	5.E-16	6.E-09	4.E-16	6.E-09	5.E-16	6.E-09	2.E-16	2.E-09	3.E-16	4.E-09	1.E-16	2.E-09
Ac227	4.E-10	7.E-06	9.E-09	1.E-04	7.E-09	1.E-04	9.E-09	1.E-04	3.E-09	5.E-05	4.E-09	7.E-05	3.E-09	5.E-05
Am241	5.E-03	4.E+00	1.E-01	8.E+01	8.E-02	6.E+01	1.E-01	8.E+01	4.E-02	3.E+01	6.E-02	5.E+01	3.E-02	3.E+01
Am242	5.E-11	1.E-02	1.E-09	2.E-01	8.E-10	1.E-01	1.E-09	2.E-01	4.E-10	7.E-02	6.E-10	1.E-01	3.E-10	6.E-02
Am242m	4.E-06	1.E-02	8.E-05	2.E-01	6.E-05	1.E-01	8.E-05	2.E-01	3.E-05	7.E-02	5.E-05	1.E-01	3.E-05	6.E-02
Am243	1.E-04	6.E-03	2.E-03	1.E-01	2.E-03	9.E-02	2.E-03	1.E-01	9.E-04	4.E-02	1.E-03	7.E-02	8.E-04	4.E-02
At217	2.E-24	8.E-10	2.E-23	6.E-09	2.E-23	6.E-09	2.E-23	6.E-09	7.E-24	2.E-09	1.E-23	4.E-09	6.E-24	2.E-09
Ba137m	4.E-07	3.E+04	2.E-09	2.E+02	3.E-09	2.E+02	3.E-09	2.E+02	2.E-09	1.E+02	2.E-09	1.E+02	2.E-10	2.E+01
Bi210	8.E-20	2.E-12	2.E-18	4.E-11	1.E-18	3.E-11	2.E-18	4.E-11	6.E-19	2.E-11	5.E-19	1.E-11	5.E-19	1.E-11
Bi211	8.E-17	7.E-06	2.E-15	1.E-04	1.E-15	1.E-04	2.E-15	1.E-04	6.E-16	5.E-05	4.E-16	3.E-05	5.E-16	5.E-05
Bi213	2.E-19	9.E-10	2.E-18	6.E-09	1.E-18	6.E-09	2.E-18	6.E-09	6.E-19	3.E-09	4.E-19	2.E-09	5.E-19	2.E-09
Bi214	7.E-22	7.E-12	1.E-20	1.E-10	1.E-20	1.E-10	1.E-20	1.E-10	5.E-21	5.E-11	4.E-21	4.E-11	4.E-21	4.E-11
C14	1.E-01	7.E+00	3.E+00	2.E+02	2.E+00	1.E+02	3.E+00	2.E+02	1.E+00	6.E+01	1.E+00	6.E+01	8.E-01	5.E+01
Cm242	1.E-08	8.E-03	2.E-07	2.E-01	2.E-07	1.E-01	2.E-07	2.E-01	7.E-08	6.E-02	1.E-07	9.E-02	6.E-08	5.E-02
Cm244	6.E-06	1.E-01	1.E-04	2.E+00	9.E-05	2.E+00	1.E-04	2.E+00	4.E-05	8.E-01	6.E-05	1.E+00	4.E-05	7.E-01
Cm245	1.E-07	5.E-06	2.E-06	1.E-04	2.E-06	8.E-05	2.E-06	1.E-04	8.E-07	4.E-05	1.E-06	6.E-05	7.E-07	3.E-05
Cs135	6.E-01	1.E-01	1.E+01	2.E+00	1.E+01	2.E+00	1.E+01	2.E+00	5.E+00	7.E-01	6.E+00	1.E+00	4.E+00	7.E-01
Cs137	2.E+00	3.E+04	5.E+01	6.E+05	4.E+01	5.E+05	5.E+01	6.E+05	2.E+01	2.E+05	2.E+01	3.E+05	2.E+01	2.E+05
Fr221	2.E-20	8.E-10	2.E-19	6.E-09	1.E-19	6.E-09	2.E-19	6.E-09	6.E-20	2.E-09	9.E-20	4.E-09	5.E-20	2.E-09
Fr223	1.E-17	1.E-07	2.E-16	2.E-06	2.E-16	2.E-06	2.E-16	2.E-06	9.E-17	7.E-07	1.E-16	1.E-06	8.E-17	7.E-07
I129	1.E+00	3.E-02	3.E+01	7.E-01	2.E+01	5.E-01	3.E+01	6.E-01	1.E+01	2.E-01	1.E+01	3.E-01	9.E+00	2.E-01
Nb93m	1.E-05	3.E-01	3.E-04	8.E+00	2.E-04	6.E+00	3.E-04	8.E+00	1.E-04	3.E+00	1.E-04	3.E+00	9.E-05	2.E+00
Ni63	4.E-04	2.E+00	8.E-03	3.E+01	6.E-03	2.E+01	8.E-03	3.E+01	3.E-03	1.E+01	4.E-03	2.E+01	2.E-03	9.E+00
Np237	4.E-01	6.E-02	7.E+00	1.E+00	6.E+00	1.E+00	7.E+00	1.E+00	3.E+00	5.E-01	4.E+00	7.E-01	2.E+00	4.E-01
Np239	1.E-10	6.E-03	2.E-09	1.E-01	2.E-09	9.E-02	2.E-09	1.E-01	7.E-10	4.E-02	1.E-09	7.E-02	6.E-10	3.E-02
Pa231	1.E-06	1.E-05	3.E-05	3.E-04	2.E-05	2.E-04	3.E-05	3.E-04	1.E-05	1.E-04	1.E-05	1.E-04	9.E-06	9.E-05
Pa233	1.E-08	6.E-02	3.E-07	1.E+00	2.E-07	1.E+00	3.E-07	1.E+00	9.E-08	5.E-01	2.E-07	7.E-01	8.E-08	4.E-01
Pa234m	8.E-27	1.E-15	4.E-29	6.E-18	3.E-29	5.E-18	4.E-29	6.E-18	1.E-29	2.E-18	2.E-29	4.E-18	1.E-29	2.E-18
Pb209	9.E-19	8.E-10	6.E-18	6.E-09	6.E-18	6.E-09	6.E-18	6.E-09	3.E-18	2.E-09	4.E-18	4.E-09	2.E-18	2.E-09
Pb210	1.E-16	2.E-12	2.E-15	4.E-11	2.E-15	3.E-11	2.E-15	4.E-11	9.E-16	1.E-11	2.E-15	2.E-11	8.E-16	1.E-11
Pb211	1.E-15	7.E-06	3.E-14	1.E-04	2.E-14	1.E-04	3.E-14	1.E-04	1.E-14	5.E-05	1.E-14	7.E-05	9.E-15	5.E-05
Pb214	1.E-21	7.E-12	2.E-20	1.E-10	1.E-20	1.E-10	2.E-20	1.E-10	7.E-21	5.E-11	1.E-20	8.E-11	6.E-21	4.E-11
Pd107	9.E-01	5.E-02	2.E+01	1.E+00	2.E+01	9.E-01	2.E+01	1.E+00	7.E+00	4.E-01	9.E+00	5.E-01	6.E+00	3.E-01
Po210	2.E-18	2.E-12	4.E-17	4.E-11	3.E-17	3.E-11	4.E-17	4.E-11	2.E-17	1.E-11	3.E-17	2.E-11	1.E-17	1.E-11
Po213	3.E-28	8.E-10	2.E-27	6.E-09	2.E-27	6.E-09	2.E-27	6.E-09	9.E-28	2.E-09	1.E-27	3.E-09	7.E-28	2.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-103 MOLES	TANK BY-103 CURIES	TANK BY-104 MOLES	TANK BY-104 CURIES	TANK BY-105 MOLES	TANK BY-105 CURIES	TANK BY-106 MOLES	TANK BY-106 CURIES	TANK BY-107 MOLES	TANK BY-107 CURIES	TANK BY-108 MOLES	TANK BY-108 CURIES	TANK BY-109 MOLES	TANK BY-109 CURIES
Po214	1.E-28	8.E-12	2.E-27	2.E-10	2.E-27	1.E-10	2.E-27	2.E-10	9.E-28	6.E-11	1.E-27	1.E-10	8.E-28	5.E-11
Po215	1.E-21	7.E-06	2.E-20	1.E-04	2.E-20	1.E-04	2.E-20	1.E-04	8.E-21	5.E-05	1.E-20	7.E-05	7.E-21	5.E-05
Po218	1.E-22	7.E-12	2.E-21	1.E-10	2.E-21	1.E-10	2.E-21	1.E-10	8.E-22	5.E-11	1.E-21	8.E-11	7.E-22	4.E-11
Pu238	5.E-07	2.E-03	2.E-06	6.E-03	1.E-06	5.E-03	2.E-06	6.E-03	6.E-07	2.E-03	1.E-06	4.E-03	5.E-07	2.E-03
Pu239	2.E-07	3.E-06	8.E-07	1.E-05	6.E-07	1.E-05	8.E-07	1.E-05	3.E-07	4.E-06	6.E-07	8.E-06	3.E-07	4.E-06
Pu240	2.E-06	1.E-04	1.E-05	7.E-04	1.E-05	6.E-04	1.E+05	7.E-04	5.E-06	3.E-04	8.E-06	4.E-04	4.E-06	2.E-04
Pu241	7.E-10	2.E-05	2.E-09	5.E-05	2.E-09	4.E-05	2.E-09	5.E-05	7.E-10	2.E-05	1.E-09	4.E-05	6.E-10	1.E-05
Ra223	6.E-13	7.E-06	1.E-11	1.E-04	1.E-11	1.E-04	1.E-11	1.E-04	5.E-12	5.E-05	6.E-12	7.E-05	4.E-12	5.E-05
Ra225	1.E-16	8.E-10	7.E-16	6.E-09	7.E-16	6.E-09	7.E-16	6.E-09	3.E-16	2.E-09	4.E-16	4.E-09	2.E-16	2.E-09
Ra226	3.E-14	7.E-12	6.E-13	1.E-10	5.E-13	1.E-10	6.E-13	1.E-10	2.E-13	5.E-11	4.E-13	8.E-11	2.E-13	4.E-11
Ru106	1.E-08	5.E-03	3.E-07	1.E-01	2.E-07	8.E-02	3.E-07	1.E-01	1.E-07	4.E-02	2.E-07	6.E-02	9.E-08	3.E-02
Sb126	6.E-22	6.E-15	1.E-20	1.E-13	8.E-21	9.E-14	1.E-20	1.E-13	4.E-21	4.E-14	6.E-21	7.E-14	3.E-21	4.E-14
Sb126m	6.E-25	6.E-15	1.E-23	1.E-13	9.E-24	9.E-14	1.E-23	1.E-13	4.E-24	4.E-14	7.E-24	7.E-14	4.E-24	4.E-14
Se79	1.E-01	6.E-01	2.E+00	1.E+01	2.E+00	1.E+01	2.E+00	1.E+01	8.E-01	4.E+00	1.E+00	5.E+00	7.E-01	4.E+00
Sm151	5.E-09	2.E-05	9.E-08	3.E-04	7.E-08	3.E-04	9.E-08	3.E-04	3.E-08	1.E-04	6.E-08	2.E-04	2.E-08	9.E-05
Sn126	2.E-15	6.E-15	3.E-14	1.E-13	2.E-14	8.E-14	3.E-14	1.E-13	1.E-14	4.E-14	2.E-14	7.E-14	7.E-15	3.E-14
Sr90	1.E+00	1.E+04	3.E+01	3.E+05	2.E+01	3.E+05	3.E+01	3.E+05	1.E+01	1.E+05	3.E+00	4.E+04	9.E+00	1.E+05
Tc99	1.E+01	2.E+01	3.E+02	4.E+02	2.E+02	3.E+02	3.E+02	4.E+02	9.E+01	2.E+02	1.E+02	2.E+02	8.E+01	1.E+02
Th227	9.E-13	7.E-06	2.E-19	2.E-12	2.E-19	2.E-12	2.E-19	2.E-12	5.E-20	4.E-13	1.E-19	8.E-13	5.E-20	4.E-13
Th229	2.E-11	8.E-10	2.E-18	8.E-17	2.E-18	8.E-17	2.E-18	8.E-17	4.E-19	2.E-17	9.E-19	4.E-17	4.E-19	2.E-17
Th230	3.E-13	1.E-12	7.E-21	3.E-20	1.E-20	6.E-20	7.E-21	3.E-20	3.E-21	2.E-20	7.E-21	3.E-20	3.E-21	2.E-20
Th231	2.E-22	2.E-14	1.E-29	2.E-21	1.E-29	2.E-21	1.E-29	2.E-21	3.E-30	4.E-22	6.E-30	8.E-22	3.E-30	4.E-22
Th234	2.E-22	1.E-15	1.E-32	7.E-26	1.E-32	7.E-26	1.E-32	7.E-26	6.E-33	3.E-26	6.E-33	3.E-26	3.E-33	2.E-26
Tl207	2.E-16	7.E-06	4.E-15	1.E-04	3.E-15	1.E-04	4.E-15	1.E-04	1.E-15	5.E-05	2.E-15	7.E-05	1.E-15	5.E-05
U233	1.E-06	2.E-06	5.E-08	1.E-07	5.E-08	1.E-07	6.E-08	1.E-07	3.E-08	7.E-08	3.E-08	7.E-08	9.E-09	2.E-08
U234	3.E-08	4.E-08	6.E-10	9.E-10	7.E-10	1.E-09	6.E-10	9.E-10	3.E-10	5.E-10	4.E-10	6.E-10	1.E-10	1.E-10
U235	4.E-11	2.E-14	1.E-12	5.E-16	1.E-12	6.E-16	1.E-12	5.E-16	6.E-13	3.E-16	7.E-13	4.E-16	2.E-13	9.E-17
U238	2.E-11	1.E-15	3.E-16	3.E-20	3.E-16	3.E-20	4.E-16	3.E-20	2.E-16	1.E-20	2.E-16	2.E-20	6.E-17	5.E-21
Y90	3.E-04	1.E+04	3.E-05	2.E+03	3.E-05	2.E+03	4.E-05	2.E+03	2.E-05	9.E+02	2.E-05	1.E+03	6.E-06	3.E+02
Zr93	0.	0.	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	2.E-06	0.	3.E-05	0.	3.E-05	0.	3.E-05	0.	1.E-05	0.	2.E-05	0.	1.E-05	0.
Al	2.E+05	0.	4.E+06	0.	3.E+06	0.	4.E+06	0.	1.E+06	0.	2.E+06	0.	1.E+06	0.
Ba	5.E-01	0.	2.E-03	0.	2.E-03	0.	2.E-03	0.	2.E-03	0.	1.E-03	0.	2.E-04	0.
Bi	5.E-15	0.	3.E-14	0.	3.E-14	0.	3.E-14	0.	1.E-14	0.	9.E-15	0.	1.E-14	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-103 MOLES	TANK BY-103 CURIES	TANK BY-104 MOLES	TANK BY-104 CURIES	TANK BY-105 MOLES	TANK BY-105 CURIES	TANK BY-106 MOLES	TANK BY-106 CURIES	TANK BY-107 MOLES	TANK BY-107 CURIES	TANK BY-108 MOLES	TANK BY-108 CURIES	TANK BY-109 MOLES	TANK BY-109 CURIES
C6H5O7	2.E+04	0.	4.E+05	0.	3.E+05	0.	3.E+05	0.	1.E+05	0.	2.E+05	0.	1.E+05	0.
CO3	6.E+04	0.	1.E+06	0.	8.E+05	0.	1.E+06	0.	4.E+05	0.	7.E+05	0.	4.E+05	0.
Ca	1.E-04	0.	3.E-03	0.	2.E-02	0.	3.E-03	0.	1.E-03	0.	1.E-03	0.	1.E-03	0.
Ce	5.E+00	0.	1.E+02	0.	7.E+01	0.	1.E+02	0.	3.E+01	0.	5.E+01	0.	3.E+01	0.
Cl	1.E-05	0.	3.E-04	0.	2.E-04	0.	3.E-04	0.	1.E-04	0.	2.E-04	0.	9.E-05	0.
Cr	3.E-14	0.	6.E-13	0.	4.E-13	0.	6.E-13	0.	2.E-13	0.	4.E-13	0.	2.E-13	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	7.E+03	0.	1.E+05	0.	1.E+05	0.	1.E+05	0.	5.E+04	0.	9.E+04	0.	5.E+04	0.
Fe	3.E+03	0.	6.E+04	0.	5.E+04	0.	6.E+04	0.	2.E+04	0.	4.E+04	0.	2.E+04	0.
Fe(CN)6	7.E+01	0.	1.E+03	0.	1.E+03	0.	1.E+03	0.	5.E+02	0.	7.E+02	0.	4.E+02	0.
HEDTA	9.E-01	0.	2.E+01	0.	1.E+01	0.	2.E+01	0.	7.E+00	0.	1.E+01	0.	6.E+00	0.
K	5.E+02	0.	1.E+04	0.	8.E+03	0.	1.E+04	0.	4.E+03	0.	7.E+03	0.	3.E+03	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	6.E+01	0.	1.E+03	0.	9.E+02	0.	1.E+03	0.	4.E+02	0.	7.E+02	0.	4.E+02	0.
NO2	2.E+05	0.	4.E+06	0.	3.E+06	0.	4.E+06	0.	2.E+06	0.	2.E+06	0.	1.E+06	0.
NO3	8.E+05	0.	2.E+07	0.	1.E+07	0.	2.E+07	0.	8.E+06	0.	8.E+06	0.	4.E+06	0.
Na	6.E+05	0.	1.E+07	0.	9.E+06	0.	1.E+07	0.	4.E+06	0.	7.E+06	0.	2.E+06	0.
Ni	3.E-02	0.	6.E-01	0.	5.E-01	0.	6.E-01	0.	2.E-01	0.	5.E-01	0.	2.E-01	0.
OH	1.E+01	0.	2.E+02	0.	2.E+02	0.	2.E+02	0.	1.E+02	0.	1.E+02	0.	4.E+01	0.
PO4	3.E+03	0.	6.E+04	0.	5.E+04	0.	6.E+04	0.	2.E+04	0.	2.E+04	0.	4.E+03	0.
Pb	4.E-04	0.	7.E-03	0.	5.E-03	0.	7.E-03	0.	3.E-03	0.	5.E-03	0.	2.E-03	0.
SiO3	6.E+03	0.	1.E+05	0.	1.E+05	0.	1.E+05	0.	4.E+04	0.	6.E+04	0.	4.E+04	0.
SO4	1.E+04	0.	3.E+05	0.	2.E+05	0.	3.E+05	0.	1.E+05	0.	1.E+05	0.	9.E+04	0.
Sr	4.E+00	0.	9.E+01	0.	7.E+01	0.	9.E+01	0.	3.E+01	0.	5.E+01	0.	3.E+01	0.
ZrO	2.E-01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK BY-110 MOLES	TANK BY-110 CURIES	TANK BY-111 MOLES	TANK BY-111 CURIES	TANK BY-112 MOLES	TANK BY-112 CURIES	TANK C-101 MOLES	TANK C-101 CURIES	TANK C-102 MOLES	TANK C-102 CURIES	TANK C-103 MOLES	TANK C-103 CURIES	TANK C-104 MOLES	TANK C-104 CURIES
Ac225	5.E-17	6.E-10	1.E-16	2.E-09	9.E-17	1.E-09	1.E-16	2.E-09	1.E-25	2.E-18	2.E-24	2.E-17	2.E-24	3.E-17
Ac227	8.E-09	1.E-04	9.E-09	1.E-04	2.E-09	3.E-05	5.E-10	8.E-06	3.E-19	5.E-15	1.E-18	2.E-14	2.E-19	3.E-15
Am241	9.E-02	7.E+01	1.E-01	8.E+01	2.E-02	2.E+01	4.E-08	3.E-05	4.E-15	4.E-12	2.E-10	2.E-07	6.E-10	5.E-07
Am242	9.E-10	2.E-01	1.E-09	2.E-01	2.E-10	4.E-02	2.E-16	4.E-08	5.E-23	1.E-14	1.E-18	3.E-10	3.E-18	7.E-10
Am242m	7.E-05	2.E-01	8.E-05	2.E-01	1.E-05	4.E-02	2.E-11	4.E-08	4.E-18	1.E-14	1.E-13	3.E-10	3.E-13	7.E-10
Am243	2.E-03	1.E-01	2.E-03	1.E-01	4.E-04	2.E-02	3.E-10	1.E-08	7.E-17	3.E-15	2.E-12	9.E-11	5.E-12	2.E-10
At217	2.E-24	6.E-10	5.E-24	2.E-09	3.E-24	1.E-09	5.E-24	2.E-09	5.E-33	2.E-18	6.E-32	2.E-17	8.E-32	3.E-17
Ba137m	6.E-09	4.E+02	5.E-09	4.E+02	6.E-10	5.E+01	1.E-11	8.E-01	2.E-15	2.E-04	2.E-15	2.E-04	7.E-16	5.E-05
Bi210	1.E-18	4.E-11	2.E-18	4.E-11	3.E-19	8.E-12	3.E-23	9.E-16	4.E-28	1.E-20	3.E-28	8.E-21	3.E-28	7.E-21
Bi211	1.E-15	1.E-04	2.E-15	1.E-04	3.E-16	3.E-05	2.E-18	2.E-07	5.E-26	5.E-15	2.E-25	2.E-14	3.E-26	3.E-15
Bi213	2.E-19	6.E-10	5.E-19	2.E-09	3.E-19	1.E-09	1.E-20	4.E-11	5.E-28	2.E-18	5.E-27	2.E-17	7.E-27	3.E-17
Bi214	1.E-20	1.E-10	1.E-20	1.E-10	3.E-21	2.E-11	2.E-25	2.E-15	3.E-30	3.E-20	6.E-30	6.E-20	9.E-30	9.E-20
C14	2.E+00	1.E+02	3.E+00	2.E+02	5.E-01	3.E+01	3.E-01	2.E+01	3.E-10	2.E-08	5.E-10	3.E-08	6.E-10	4.E-08
Cm242	2.E-07	1.E-01	2.E-07	2.E-01	4.E-08	3.E-02	7.E-14	6.E-08	1.E-20	8.E-15	3.E-16	2.E-10	7.E-16	6.E-10
Cm244	1.E-04	2.E+00	1.E-04	2.E+00	2.E-05	4.E-01	1.E-06	2.E-02	9.E-14	2.E-09	6.E-15	1.E-10	1.E-15	2.E-11
Cm245	2.E-06	9.E-05	2.E-06	1.E-04	4.E-07	2.E-05	1.E-08	4.E-07	2.E-15	9.E-14	1.E-16	5.E-15	2.E-17	8.E-16
Cs135	1.E+01	2.E+00	1.E+01	2.E+00	2.E+00	4.E-01	4.E+00	7.E-01	2.E-09	4.E-10	2.E-09	3.E-10	1.E-09	2.E-10
Cs137	5.E+01	6.E+05	5.E+01	6.E+05	1.E+01	1.E+05	2.E+01	2.E+05	1.E-08	2.E-04	1.E-08	2.E-04	4.E-09	5.E-05
Fr221	2.E-20	6.E-10	5.E-20	2.E-09	3.E-20	1.E-09	5.E-20	2.E-09	5.E-29	2.E-18	5.E-28	2.E-17	7.E-28	3.E-17
Fr223	2.E-16	2.E-06	2.E-16	2.E-06	4.E-17	4.E-07	1.E-17	1.E-07	7.E-27	6.E-17	3.E-26	2.E-16	4.E-27	4.E-17
I129	3.E+01	6.E-01	3.E+01	7.E-01	5.E+00	1.E-01	3.E+00	7.E-02	2.E-09	5.E-11	2.E-09	4.E-11	6.E-10	1.E-11
Nb93m	3.E-04	7.E+00	3.E-04	8.E+00	5.E-05	1.E+00	2.E-05	6.E-01	5.E-15	1.E-10	2.E-13	5.E-09	1.E-12	3.E-08
Ni63	7.E-03	3.E+01	8.E-03	3.E+01	1.E-03	6.E+00	2.E-02	7.E+01	6.E-17	2.E-13	3.E-11	1.E-07	2.E-17	7.E-14
Np237	7.E+00	1.E+00	7.E+00	1.E+00	1.E+00	2.E-01	1.E+00	2.E-01	6.E-10	1.E-10	5.E-10	8.E-11	3.E-10	5.E-11
Np239	2.E-09	1.E-01	2.E-09	1.E-01	4.E-10	2.E-02	4.E-16	2.E-08	6.E-23	3.E-15	2.E-18	8.E-11	4.E-18	2.E-10
Pa231	2.E-05	3.E-04	3.E-05	3.E-04	5.E-06	5.E-05	1.E-06	2.E-05	1.E-15	1.E-14	4.E-15	4.E-14	6.E-16	6.E-15
Pa233	2.E-07	1.E+00	3.E-07	1.E+00	5.E-08	2.E-01	4.E-08	2.E-01	2.E-17	1.E-10	2.E-17	8.E-11	1.E-17	5.E-11
Pa234m	1.E-29	2.E-18	2.E-29	3.E-18	7.E-30	1.E-18	7.E-32	1.E-20	2.E-39	3.E-28	1.E-34	2.E-23	8.E-38	1.E-26
Pb209	7.E-19	6.E-10	2.E-18	2.E-09	1.E-18	1.E-09	2.E-18	2.E-09	2.E-27	2.E-18	2.E-26	2.E-17	3.E-26	3.E-17
Pb210	2.E-15	4.E-11	2.E-15	4.E-11	5.E-16	7.E-12	2.E-18	4.E-14	6.E-25	9.E-21	5.E-25	8.E-21	4.E-25	7.E-21
Pb211	2.E-14	1.E-04	3.E-14	1.E-04	5.E-15	3.E-05	2.E-15	8.E-06	9.E-25	5.E-15	3.E-24	2.E-14	5.E-25	3.E-15
Pb214	2.E-20	1.E-10	2.E-20	1.E-10	4.E-21	2.E-11	1.E-23	9.E-14	4.E-30	3.E-20	8.E-30	6.E-20	1.E-29	9.E-20
Pd107	2.E+01	1.E+00	2.E+01	1.E+00	4.E+00	2.E-01	2.E+00	1.E-01	2.E-09	1.E-10	9.E-10	5.E-11	6.E-10	3.E-11
Po210	4.E-17	4.E-11	4.E-17	4.E-11	8.E-18	7.E-12	4.E-20	4.E-14	1.E-26	9.E-21	8.E-27	7.E-21	6.E-27	6.E-21
Po213	2.E-28	6.E-10	7.E-28	2.E-09	4.E-28	1.E-09	6.E-28	2.E-09	7.E-37	2.E-18	8.E-36	2.E-17	1.E-35	3.E-17

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-110 MOLES	TANK BY-110 CURIES	TANK BY-111 MOLES	TANK BY-111 CURIES	TANK BY-112 MOLES	TANK BY-112 CURIES	TANK C-101 MOLES	TANK C-101 CURIES	TANK C-102 MOLES	TANK C-102 CURIES	TANK C-103 MOLES	TANK C-103 CURIES	TANK C-104 MOLES	TANK C-104 CURIES
Po214	2.E-27	1.E-10	2.E-27	2.E-10	4.E-28	3.E-11	2.E-30	1.E-13	5.E-37	4.E-20	1.E-36	7.E-20	2.E-36	1.E-19
Po215	2.E-20	1.E-04	2.E-20	1.E-04	4.E-21	3.E-05	1.E-21	8.E-06	7.E-31	5.E-15	3.E-30	2.E-14	4.E-31	3.E-15
Po218	2.E-21	1.E-10	2.E-21	1.E-10	4.E-22	2.E-11	1.E-24	9.E-14	5.E-31	3.E-20	9.E-31	6.E-20	1.E-30	9.E-20
Pu238	1.E-06	5.E-03	1.E-06	6.E-03	3.E-07	1.E-03	0.	0.	3.E-26	1.E-22	3.E-15	1.E-11	2.E-15	8.E-12
Pu239	7.E-07	1.E-05	8.E-07	1.E-05	2.E-07	2.E-06	0.	0.	4.E-28	6.E-27	8.E-15	1.E-13	1.E-15	2.E-14
Pu240	1.E-05	6.E-04	1.E-05	7.E-04	2.E-06	1.E-04	0.	0.	2.E-22	1.E-20	3.E-15	1.E-13	9.E-17	5.E-15
Pu241	1.E-09	3.E-05	2.E-09	4.E-05	3.E-10	9.E-06	0.	0.	1.E-26	3.E-22	1.E-17	3.E-13	1.E-18	2.E-14
Ra223	1.E-11	1.E-04	1.E-11	1.E-04	2.E-12	3.E-05	7.E-13	8.E-06	4.E-22	4.E-15	1.E-21	2.E-14	2.E-22	3.E-15
Ra225	7.E-17	7.E-10	2.E-16	2.E-09	1.E-16	1.E-09	2.E-16	2.E-09	2.E-25	2.E-18	2.E-24	2.E-17	3.E-24	3.E-17
Ra226	5.E-13	1.E-10	6.E-13	1.E-10	1.E-13	2.E-11	4.E-16	9.E-14	1.E-22	3.E-20	3.E-22	6.E-20	4.E-22	9.E-20
Ru106	3.E-07	9.E-02	3.E-07	1.E-01	5.E-08	2.E-02	2.E-10	5.E-05	4.E-16	1.E-10	4.E-16	1.E-10	2.E-15	7.E-10
Sb126	9.E-21	1.E-13	1.E-20	1.E-13	2.E-21	2.E-14	4.E-22	5.E-15	4.E-29	5.E-22	6.E-16	7.E-09	2.E-15	2.E-08
Sb126m	1.E-23	1.E-13	1.E-23	1.E-13	2.E-24	2.E-14	5.E-25	5.E-15	5.E-32	5.E-22	7.E-19	7.E-09	2.E-18	2.E-08
Se79	2.E+00	1.E+01	2.E+00	1.E+01	4.E-01	2.E+00	2.E-01	1.E+00	1.E-10	8.E-10	1.E-10	6.E-10	7.E-11	4.E-10
Sm151	8.E-08	3.E-04	9.E-08	4.E-04	2.E-08	6.E-05	2.E-09	9.E-06	5.E-16	2.E-12	2.E-09	7.E-06	5.E-09	2.E-05
Sn126	3.E-14	1.E-13	3.E-14	1.E-13	6.E-15	2.E-14	8.E-16	3.E-15	1.E-22	5.E-22	2.E-09	6.E-09	5.E-09	2.E-08
Sr90	2.E+01	3.E+05	3.E+01	3.E+05	5.E+00	6.E+04	5.E-02	7.E+02	2.E-10	3.E-06	7.E-09	8.E-05	1.E-07	2.E-03
Tc99	2.E+02	4.E+02	3.E+02	4.E+02	5.E+01	8.E+01	3.E+01	5.E+01	2.E-08	3.E-08	1.E-08	3.E-08	5.E-09	8.E-09
Th227	2.E-19	2.E-12	2.E-19	2.E-12	5.E-20	4.E-13	1.E-20	9.E-14	1.E-24	7.E-18	2.E-21	2.E-14	4.E-22	3.E-15
Th229	1.E-19	5.E-18	4.E-19	2.E-17	2.E-19	1.E-17	4.E-19	2.E-17	6.E-23	3.E-21	4.E-19	2.E-17	6.E-19	3.E-17
Th230	4.E-22	2.E-21	2.E-21	8.E-21	2.E-21	8.E-21	3.E-27	2.E-26	4.E-23	2.E-22	2.E-18	8.E-18	4.E-18	2.E-17
Th231	2.E-30	2.E-22	3.E-30	4.E-22	2.E-30	2.E-22	2.E-36	2.E-28	1.E-36	2.E-28	4.E-30	5.E-22	7.E-31	9.E-23
Th234	3.E-33	2.E-26	6.E-33	3.E-26	2.E-33	8.E-27	2.E-35	1.E-28	1.E-37	5.E-31	3.E-30	2.E-23	2.E-33	1.E-26
T1207	3.E-15	1.E-04	4.E-15	1.E-04	7.E-16	3.E-05	2.E-16	8.E-06	1.E-25	5.E-15	4.E-25	2.E-14	7.E-26	3.E-15
U233	5.E-08	1.E-07	6.E-08	1.E-07	1.E-08	3.E-08	3.E-10	7.E-10	2.E-15	5.E-15	6.E-16	1.E-15	3.E-16	7.E-16
U234	3.E-10	4.E-10	4.E-10	6.E-10	1.E-10	2.E-10	3.E-18	5.E-18	1.E-15	2.E-15	7.E-17	1.E-16	6.E-17	9.E-17
U235	6.E-13	3.E-16	8.E-13	4.E-16	2.E-13	1.E-16	4.E-21	2.E-24	2.E-22	1.E-25	9.E-19	5.E-22	2.E-19	9.E-23
U238	3.E-16	2.E-20	4.E-16	3.E-20	8.E-17	6.E-21	2.E-20	1.E-24	4.E-24	3.E-28	2.E-19	2.E-23	2.E-22	1.E-26
Y90	3.E-05	1.E+03	4.E-05	2.E+03	8.E-06	4.E+02	6.E-07	3.E+01	6.E-14	3.E-06	2.E-12	9.E-05	4.E-11	2.E-03
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	3.E-05	0.	3.E-05	0.	6.E-06	0.	5.E-06	0.	3.E-15	0.	2.E-15	0.	1.E-15	0.
Al	4.E+06	0.	4.E+06	0.	7.E+05	0.	7.E+03	0.	0.	0.	5.E-04	0.	5.E-38	0.
Ba	2.E-03	0.	2.E-03	0.	5.E-04	0.	1.E-05	0.	7.E-09	0.	1.E-09	0.	3.E-10	0.
Bi	1.E-14	0.	2.E-14	0.	6.E-15	0.	2.E-16	0.	1.E-23	0.	1.E-22	0.	2.E-22	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-05	0.	5.E-06	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-110 MOLES	TANK BY-110 CURIES	TANK BY-111 MOLES	TANK BY-111 CURIES	TANK BY-112 MOLES	TANK BY-112 CURIES	TANK C-101 MOLES	TANK C-101 CURIES	TANK C-102 MOLES	TANK C-102 CURIES	TANK C-103 MOLES	TANK C-103 CURIES	TANK C-104 MOLES	TANK C-104 CURIES
C6H5O7	3.E+05	0.	4.E+05	0.	6.E+04	0.	0.	0.	0.	0.	1.E-06	0.	1.E-06	0.
CO3	1.E+06	0.	1.E+06	0.	2.E+05	0.	1.E+04	0.	6.E-13	0.	5.E-04	0.	2.E-04	0.
Ca	3.E-03	0.	3.E-03	0.	6.E-04	0.	0.	0.	5.E-22	0.	5.E-13	0.	1.E-12	0.
Ce	9.E+01	0.	1.E+02	0.	2.E+01	0.	6.E-03	0.	3.E-16	0.	7.E-09	0.	9.E-15	0.
Cl	2.E-04	0.	3.E-04	0.	5.E-05	0.	3.E-07	0.	3.E-22	0.	1.E-14	0.	6.E-19	0.
Cr	5.E-13	0.	6.E-13	0.	1.E-13	0.	1.E-16	0.	5.E-31	0.	3.E-08	0.	3.E-07	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-05	0.	5.E-06	0.
F	1.E+05	0.	1.E+05	0.	3.E+04	0.	5.E+00	0.	3.E-13	0.	8.E-06	0.	9.E-12	0.
Fe	5.E+04	0.	6.E+04	0.	1.E+04	0.	7.E-24	0.	9.E-38	0.	8.E-06	0.	2.E-06	0.
Fe(CN)6	1.E+03	0.	1.E+03	0.	2.E+02	0.	4.E+00	0.	1.E-16	0.	7.E-12	0.	9.E-12	0.
HEDTA	2.E+01	0.	2.E+01	0.	3.E+00	0.	0.	0.	0.	0.	3.E-05	0.	1.E-05	0.
K	1.E+04	0.	1.E+04	0.	2.E+03	0.	0.	0.	0.	0.	1.E-07	0.	8.E-08	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	1.E+03	0.	1.E+03	0.	2.E+02	0.	0.	0.	1.E-24	0.	4.E-06	0.	2.E-06	0.
NO2	4.E+06	0.	4.E+06	0.	8.E+05	0.	9.E+03	0.	1.E-03	0.	5.E-04	0.	1.E-05	0.
NO3	1.E+07	0.	2.E+07	0.	3.E+06	0.	3.E+05	0.	5.E-03	0.	4.E-03	0.	1.E-03	0.
Na	1.E+07	0.	1.E+07	0.	2.E+06	0.	3.E+05	0.	1.E+02	0.	4.E-03	0.	7.E+01	0.
Ni	6.E-01	0.	6.E-01	0.	1.E-01	0.	5.E-04	0.	8.E-33	0.	4.E-15	0.	6.E-16	0.
OH	2.E+02	0.	2.E+02	0.	5.E+01	0.	4.E+00	0.	1.E+02	0.	5.E-07	0.	7.E+01	0.
PO4	5.E+04	0.	6.E+04	0.	1.E+04	0.	2.E+02	0.	6.E-13	0.	2.E-05	0.	4.E-08	0.
Pb	6.E-03	0.	7.E-03	0.	1.E-03	0.	2.E-10	0.	7.E-20	0.	1.E-16	0.	2.E-17	0.
SiO3	1.E+05	0.	1.E+05	0.	2.E+04	0.	2.E+02	0.	1.E-05	0.	2.E-05	0.	2.E-07	0.
SO4	3.E+05	0.	3.E+05	0.	5.E+04	0.	1.E+04	0.	1.E-13	0.	1.E-04	0.	8.E-05	0.
Sr	8.E+01	0.	9.E+01	0.	2.E+01	0.	0.	0.	0.	0.	7.E-12	0.	8.E-08	0.
ZrO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E-10	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK C-105 MOLES	TANK C-105 CURIES	TANK C-106 MOLES	TANK C-106 CURIES	TANK C-107 MOLES	TANK C-107 CURIES	TANK C-108 MOLES	TANK C-108 CURIES	TANK C-109 MOLES	TANK C-109 CURIES	TANK C-110 MOLES	TANK C-110 CURIES	TANK C-111 MOLES	TANK C-111 CURIES
Ac225	1.E-15	1.E-08	0.	0.	2.E-16	2.E-09	3.E-21	4.E-14	8.E-18	1.E-10	2.E-27	3.E-20	2.E-18	3.E-11
Ac227	3.E-08	4.E-04	0.	0.	8.E-11	1.E-06	8.E-13	1.E-08	7.E-11	1.E-06	1.E-19	2.E-15	3.E-11	4.E-07
Am241	1.E+01	9.E+03	4.E-38	3.E-35	2.E-02	2.E+01	2.E-10	2.E-07	1.E-07	9.E-05	3.E-16	3.E-13	1.E-07	1.E-04
Am242	8.E-08	2.E+01	0.	0.	1.E-10	2.E-02	4.E-18	8.E-10	9.E-16	2.E-07	1.E-25	2.E-17	3.E-16	6.E-08
Am242m	7.E-03	2.E+01	0.	0.	8.E-06	2.E-02	4.E-13	8.E-10	7.E-11	2.E-07	9.E-21	2.E-17	2.E-11	6.E-08
Am243	2.E-01	1.E+01	0.	0.	1.E-04	7.E-03	9.E-13	4.E-11	8.E-10	4.E-08	3.E-19	1.E-17	6.E-10	3.E-08
At217	4.E-23	1.E-08	0.	0.	6.E-24	2.E-09	1.E-28	4.E-14	3.E-25	1.E-10	8.E-35	3.E-20	8.E-26	3.E-11
Ba137m	4.E-06	3.E+05	0.	0.	3.E-08	3.E+03	7.E-11	5.E+00	1.E-09	1.E+02	2.E-17	1.E-06	2.E-09	2.E+02
Bi210	2.E-17	4.E-10	0.	0.	2.E-20	4.E-13	2.E-23	5.E-16	6.E-21	2.E-13	6.E-29	2.E-21	4.E-22	1.E-14
Bi211	5.E-15	4.E-04	0.	0.	9.E-18	8.E-07	1.E-19	1.E-08	6.E-18	5.E-07	2.E-26	2.E-15	5.E-18	5.E-07
Bi213	4.E-18	1.E-08	0.	0.	3.E-19	1.E-09	9.E-24	4.E-14	1.E-20	5.E-11	7.E-30	3.E-20	7.E-21	3.E-11
Bi214	4.E-19	4.E-09	0.	0.	3.E-22	3.E-12	1.E-25	1.E-15	6.E-23	5.E-13	4.E-31	4.E-21	3.E-24	3.E-14
C14	8.E+00	5.E+02	0.	0.	6.E-02	3.E+00	3.E-05	2.E-03	2.E-02	1.E+00	1.E-12	8.E-11	1.E-02	7.E-01
Cm242	2.E-05	1.E+01	0.	0.	2.E-08	2.E-02	8.E-16	7.E-10	2.E-13	1.E-07	2.E-23	2.E-17	6.E-14	5.E-08
Cm244	5.E-03	9.E+01	0.	0.	5.E-07	9.E-03	1.E-11	2.E-07	5.E-08	9.E-04	5.E-17	1.E-12	4.E-08	7.E-04
Cm245	1.E-04	4.E-03	0.	0.	1.E-08	4.E-07	1.E-13	4.E-12	5.E-10	2.E-08	6.E-19	3.E-17	3.E-10	1.E-08
Cs135	6.E+00	9.E-01	0.	0.	2.E-01	3.E-02	4.E-04	6.E-05	2.E-01	3.E-02	4.E-11	6.E-12	1.E-01	2.E-02
Cs137	3.E+01	3.E+05	0.	0.	8.E-01	1.E+04	5.E-04	5.E+00	5.E-01	6.E+03	1.E-10	2.E-06	4.E-01	5.E+03
Fr221	4.E-19	1.E-08	0.	0.	5.E-20	2.E-09	1.E-24	4.E-14	3.E-21	1.E-10	7.E-31	3.E-20	7.E-22	3.E-11
Fr223	7.E-16	6.E-06	0.	0.	2.E-18	2.E-08	2.E-20	2.E-10	2.E-18	2.E-08	3.E-27	3.E-17	7.E-19	6.E-09
I129	8.E+01	2.E+00	0.	0.	1.E-01	3.E-03	1.E-04	2.E-06	1.E-01	2.E-03	2.E-11	5.E-13	8.E-02	2.E-03
Nb93m	3.E-03	7.E+01	0.	0.	2.E-05	6.E-01	5.E-10	1.E-05	2.E-07	5.E-03	1.E-15	4.E-11	1.E-07	3.E-03
Ni63	4.E+00	2.E+04	0.	0.	3.E-03	1.E+01	1.E-05	4.E-02	5.E-03	2.E+01	1.E-13	6.E-10	3.E-03	1.E+01
Np237	2.E-01	4.E-02	0.	0.	4.E-02	7.E-03	3.E-05	5.E-06	4.E-02	6.E-03	1.E-11	2.E-12	3.E-02	5.E-03
Np239	2.E-07	9.E+00	0.	0.	1.E-10	7.E-03	8.E-19	4.E-11	6.E-16	4.E-08	3.E-25	1.E-17	5.E-16	3.E-08
Pa231	1.E-04	1.E-03	1.E-38	2.E-37	2.E-07	2.E-06	2.E-09	2.E-08	2.E-07	2.E-06	3.E-16	3.E-15	7.E-08	8.E-07
Pa233	8.E-09	4.E-02	0.	0.	1.E-09	7.E-03	1.E-12	5.E-06	1.E-09	6.E-03	4.E-19	2.E-12	1.E-09	5.E-03
Pa234m	1.E-11	2.E+00	0.	0.	7.E-27	1.E-15	1.E-27	2.E-16	8.E-14	1.E-02	4.E-24	6.E-13	3.E-25	5.E-14
Pb209	2.E-17	1.E-08	0.	0.	2.E-18	2.E-09	4.E-23	4.E-14	1.E-19	1.E-10	3.E-29	3.E-20	3.E-20	3.E-11
Pb210	2.E-14	4.E-10	0.	0.	4.E-17	6.E-13	3.E-20	5.E-16	2.E-17	3.E-13	9.E-26	2.E-21	7.E-19	1.E-14
Pb211	8.E-14	4.E-04	0.	0.	2.E-16	1.E-06	2.E-18	1.E-08	2.E-16	1.E-06	4.E-25	2.E-15	9.E-17	4.E-07
Pb214	6.E-19	4.E-09	0.	0.	6.E-22	4.E-12	2.E-25	1.E-15	2.E-22	1.E-12	6.E-31	4.E-21	4.E-24	3.E-14
Pd107	6.E+01	4.E+00	0.	0.	1.E-01	6.E-03	5.E-05	3.E-06	7.E-02	4.E-03	1.E-11	6.E-13	6.E-02	3.E-03
Po210	4.E-16	3.E-10	0.	0.	6.E-19	6.E-13	5.E-22	5.E-16	3.E-19	3.E-13	2.E-27	2.E-21	1.E-20	1.E-14
Po213	5.E-27	1.E-08	0.	0.	7.E-28	2.E-09	1.E-32	4.E-14	4.E-29	1.E-10	9.E-39	2.E-20	1.E-29	3.E-11

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-105 MOLES	TANK C-105 CURIES	TANK C-106 MOLES	TANK C-106 CURIES	TANK C-107 MOLES	TANK C-107 CURIES	TANK C-108 MOLES	TANK C-108 CURIES	TANK C-109 MOLES	TANK C-109 CURIES	TANK C-110 MOLES	TANK C-110 CURIES	TANK C-111 MOLES	TANK C-111 CURIES
Po214	8.E-26	5.E-09	0.	0.	8.E-29	5.E-12	2.E-32	1.E-15	2.E-29	1.E-12	7.E-38	5.E-21	5.E-31	3.E-14
Po215	7.E-20	4.E-04	0.	0.	2.E-22	1.E-06	2.E-24	1.E-08	2.E-22	1.E-06	3.E-31	2.E-15	7.E-23	5.E-07
Po218	7.E-20	4.E-09	0.	0.	7.E-23	4.E-12	2.E-26	1.E-15	2.E-23	1.E-12	7.E-32	4.E-21	4.E-25	3.E-14
Pu238	1.E-03	5.E+00	0.	0.	2.E-07	7.E-04	0.	0.	0.	0.	6.E-30	3.E-26	0.	0.
Pu239	7.E+00	1.E+02	9.E-38	1.E-36	5.E-07	8.E-06	0.	0.	0.	0.	2.E-30	2.E-29	0.	0.
Pu240	5.E-01	3.E+01	0.	0.	1.E-07	8.E-08	0.	0.	0.	0.	1.E-25	6.E-24	0.	0.
Pu241	2.E-02	6.E+02	1.E-37	3.E-33	1.E-09	3.E-05	0.	0.	0.	0.	3.E-30	8.E-28	0.	0.
Ra223	4.E-11	4.E-04	0.	0.	1.E-13	1.E-06	1.E-15	1.E-08	9.E-14	1.E-06	2.E-22	2.E-15	4.E-14	4.E-07
Ra225	2.E-15	1.E-08	0.	0.	2.E-16	2.E-09	4.E-21	4.E-14	1.E-17	1.E-10	3.E-27	3.E-20	3.E-18	3.E-11
Ra226	2.E-11	4.E-09	9.E-38	2.E-35	2.E-14	4.E-12	5.E-18	1.E-15	5.E-15	1.E-12	2.E-23	4.E-21	1.E-16	3.E-14
Ru106	1.E-03	4.E+02	0.	0.	3.E-08	9.E-03	1.E-13	4.E-08	6.E-11	2.E-05	3.E-19	1.E-13	2.E-09	7.E-04
Sb126	1.E-06	1.E+01	0.	0.	5.E-13	5.E-06	2.E-24	2.E-17	8.E-22	8.E-15	2.E-30	2.E-23	1.E-21	1.E-14
Sb126m	1.E-09	1.E+01	0.	0.	5.E-16	5.E-06	2.E-27	2.E-17	9.E-25	8.E-15	2.E-33	2.E-23	1.E-24	1.E-14
Se79	6.E+00	3.E+01	0.	0.	1.E-02	6.E-02	7.E-06	4.E-05	7.E-03	4.E-02	3.E-12	1.E-11	6.E-03	3.E-02
Sm151	4.E+00	1.E+04	0.	0.	2.E-01	6.E+02	1.E-11	5.E-08	6.E-09	2.E-05	2.E-17	7.E-14	7.E-09	3.E-05
Sn126	3.E+00	1.E+01	0.	0.	1.E-01	5.E-01	5.E-18	2.E-17	2.E-15	8.E-15	5.E-24	2.E-23	3.E-15	1.E-14
Sr90	2.E+02	2.E+06	0.	0.	5.E-01	6.E+03	8.E-06	1.E-01	7.E-03	8.E+01	6.E-11	8.E-07	4.E-03	5.E+01
Tc99	6.E+02	1.E+03	0.	0.	1.E+00	2.E+00	9.E-04	1.E-03	9.E-01	1.E+00	2.E-10	3.E-10	7.E-01	1.E+00
Th227	6.E-11	4.E-04	0.	0.	2.E-13	1.E-06	1.E-23	9.E-17	2.E-21	1.E-14	2.E-25	1.E-18	8.E-22	6.E-15
Th229	3.E-10	1.E-08	4.E-38	2.E-36	4.E-11	2.E-09	7.E-24	3.E-22	3.E-20	1.E-18	4.E-25	2.E-23	7.E-21	3.E-19
Th230	9.E-09	4.E-08	1.E-37	6.E-37	2.E-10	8.E-10	1.E-28	5.E-28	4.E-19	2.E-18	1.E-24	5.E-24	8.E-28	4.E-27
Th231	6.E-10	8.E-02	0.	0.	3.E-22	4.E-14	8.E-34	9.E-26	5.E-20	7.E-12	2.E-25	2.E-17	2.E-31	2.E-23
Th234	3.E-07	2.E+00	0.	0.	2.E-22	1.E-15	4.E-31	2.E-24	3.E-17	2.E-10	8.E-23	4.E-16	1.E-28	5.E-22
Tl207	1.E-14	4.E-04	0.	0.	3.E-17	1.E-06	3.E-19	1.E-08	3.E-17	1.E-06	5.E-26	2.E-15	1.E-17	4.E-07
U233	9.E-06	2.E-05	0.	0.	3.E-08	6.E-08	6.E-11	1.E-10	1.E-07	3.E-07	4.E-17	8.E-17	5.E-09	1.E-08
U234	7.E-04	1.E-03	0.	0.	2.E-09	3.E-09	1.E-15	1.E-15	3.E-06	4.E-06	1.E-16	2.E-16	1.E-15	2.E-15
U235	2.E+02	8.E-02	0.	0.	4.E-11	2.E-14	2.E-14	8.E-18	1.E+00	5.E-04	6.E-11	3.E-14	5.E-13	2.E-16
U238	2.E+04	2.E+00	0.	0.	7.E-12	6.E-16	2.E-12	2.E-16	1.E+02	1.E-02	8.E-09	6.E-13	6.E-11	5.E-15
Y90	5.E-02	2.E+06	0.	0.	1.E-04	7.E+03	2.E-09	1.E-01	2.E-06	9.E+01	2.E-14	8.E-07	1.E-06	5.E+01
Zr93	3.E+02	7.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	8.E-05	0.	0.	0.	2.E-07	0.	2.E-10	0.	2.E-07	0.	3.E-17	0.	1.E-07	0.
Al	7.E+05	0.	1.E-39	0.	4.E+04	0.	2.E+01	0.	5.E+04	0.	1.E-05	0.	4.E+04	0.
Ba	2.E+02	0.	0.	0.	2.E-02	0.	6.E-05	0.	1.E-03	0.	4.E-11	0.	2.E-03	0.
Bi	2.E-13	0.	1.E-37	0.	9.E-15	0.	1.E-17	0.	1.E-15	0.	9.E-24	0.	2.E-15	0.
C2H3O3	6.E+02	0.	0.	0.	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-105 MOLES	TANK C-105 CURIES	TANK C-106 MOLES	TANK C-106 CURIES	TANK C-107 MOLES	TANK C-107 CURIES	TANK C-108 MOLES	TANK C-108 CURIES	TANK C-109 MOLES	TANK C-109 CURIES	TANK C-110 MOLES	TANK C-110 CURIES	TANK C-111 MOLES	TANK C-111 CURIES
C6H5O7	6.E+05	0.	0.	0.	1.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	3.E+04	0.	8.E-38	0.	3.E+04	0.	1.E+02	0.	2.E+04	0.	4.E-05	0.	8.E+03	0.
Ca	7.E+02	0.	0.	0.	3.E-05	0.	3.E-18	0.	3.E-05	0.	4.E-14	0.	4.E-09	0.
Ce	3.E-04	0.	6.E-39	0.	6.E-01	0.	1.E-02	0.	2.E+00	0.	1.E-08	0.	1.E+00	0.
Cl	3.E-09	0.	0.	0.	2.E-06	0.	4.E-08	0.	6.E-06	0.	1.E-14	0.	3.E-06	0.
Cr	1.E+03	0.	0.	0.	2.E+00	0.	3.E-17	0.	6.E-15	0.	4.E-23	0.	3.E-15	0.
EDTA	9.E+02	0.	0.	0.	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	3.E+01	0.	0.	0.	6.E+02	0.	1.E+01	0.	3.E+03	0.	4.E-05	0.	9.E+02	0.
Fe	2.E+05	0.	0.	0.	6.E+02	0.	3.E-24	0.	3.E-22	0.	2.E-30	0.	6.E-23	0.
Fe(CN)6	6.E-02	0.	0.	0.	5.E-04	0.	9.E-13	0.	3.E+01	0.	1.E-08	0.	2.E+01	0.
HEDTA	2.E+03	0.	0.	0.	3.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	5.E+03	0.	1.E-39	0.	1.E+01	0.	1.E-36	0.	3.E+00	0.	2.E-08	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	6.E+03	0.	3.E-39	0.	3.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	2.E+03	0.	5.E-38	0.	4.E+04	0.	2.E+01	0.	7.E+04	0.	1.E-05	0.	5.E+04	0.
NO3	6.E+06	0.	1.E-37	0.	5.E+05	0.	4.E+02	0.	4.E+05	0.	2.E-04	0.	3.E+05	0.
Na	7.E+06	0.	6.E+01	0.	5.E+05	0.	5.E+02	0.	4.E+05	0.	8.E+01	0.	3.E+05	0.
Ni	1.E+04	0.	0.	0.	4.E-07	0.	1.E-23	0.	4.E-03	0.	2.E-11	0.	1.E-02	0.
OH	1.E+06	0.	6.E+01	0.	1.E+02	0.	2.E+00	0.	2.E+01	0.	8.E+01	0.	2.E+01	0.
PO4	4.E+03	0.	0.	0.	2.E+03	0.	4.E+01	0.	4.E+03	0.	1.E-05	0.	2.E+03	0.
Pb	1.E+02	0.	2.E-38	0.	1.E-08	0.	4.E-13	0.	3.E-11	0.	4.E-20	0.	1.E-11	0.
SiO3	4.E+01	0.	1.E-39	0.	1.E+03	0.	2.E+00	0.	2.E+03	0.	1.E-06	0.	1.E+03	0.
SO4	3.E+03	0.	2.E-37	0.	8.E+03	0.	3.E+01	0.	5.E+03	0.	5.E-06	0.	2.E+03	0.
Sr	2.E+00	0.	0.	0.	4.E-04	0.	0.	0.	1.E+01	0.	8.E-08	0.	0.	0.
ZrO	8.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK C-112 MOLES	TANK C-112 CURIES	TANK C-201 MOLES	TANK C-201 CURIES	TANK C-202 MOLES	TANK C-202 CURIES	TANK C-203 MOLES	TANK C-203 CURIES	TANK C-204 MOLES	TANK C-204 CURIES	TANK S-101 MOLES	TANK S-101 CURIES	TANK S-102 MOLES	TANK S-102 CURIES
Ac225	6.E-18	8.E-11	2.E-20	3.E-13	3.E-33	4.E-26	4.E-26	6.E-19	2.E-22	2.E-15	9.E-17	1.E-09	6.E-25	7.E-18
Ac227	7.E-11	1.E-06	1.E-12	2.E-08	7.E-27	1.E-22	1.E-19	2.E-15	4.E-14	7.E-10	3.E-09	5.E-05	5.E-18	8.E-14
Am241	2.E-07	2.E-04	4.E-09	3.E-06	5.E-23	4.E-20	2.E-16	2.E-13	1.E-08	9.E-06	3.E-01	3.E+02	3.E-10	3.E-07
Am242	3.E-16	7.E-08	2.E-19	5.E-11	2.E-33	5.E-25	2.E-26	4.E-18	7.E-19	1.E-10	3.E-09	5.E-01	4.E-18	7.E-10
Am242m	3.E-11	7.E-08	2.E-14	5.E-11	2.E-28	5.E-25	2.E-21	4.E-18	6.E-14	1.E-10	2.E-04	5.E-01	3.E-13	7.E-10
Am243	6.E-10	3.E-08	2.E-12	1.E-10	3.E-26	1.E-24	3.E-19	1.E-17	6.E-12	3.E-10	5.E-03	2.E-01	5.E-12	2.E-10
At217	2.E-25	8.E-11	8.E-28	3.E-13	0.	0.	2.E-33	6.E-19	6.E-30	2.E-15	3.E-24	1.E-09	2.E-32	7.E-18
Ba137m	5.E-09	4.E+02	3.E-11	2.E+00	7.E-24	5.E-13	9.E-17	6.E-06	1.E-12	9.E-02	1.E-08	9.E+02	6.E-15	4.E-04
Bi210	6.E-20	2.E-12	5.E-22	1.E-14	0.	0.	1.E-32	3.E-25	2.E-23	5.E-16	3.E-19	7.E-12	2.E-28	5.E-21
Bi211	1.E-17	1.E-06	2.E-19	2.E-08	1.E-33	1.E-22	2.E-26	2.E-15	8.E-21	7.E-10	6.E-16	5.E-05	9.E-25	8.E-14
Bi213	2.E-20	8.E-11	7.E-23	3.E-13	1.E-35	5.E-26	1.E-28	6.E-19	6.E-25	2.E-15	3.E-19	1.E-09	2.E-27	7.E-18
Bi214	6.E-22	6.E-12	6.E-24	5.E-14	0.	0.	4.E-35	4.E-25	1.E-25	1.E-15	4.E-21	4.E-11	7.E-30	6.E-20
C14	6.E-03	4.E-01	8.E-07	5.E-05	5.E-20	3.E-18	1.E-12	7.E-11	4.E-08	2.E-06	7.E-01	5.E+01	1.E-09	8.E-08
Cm242	7.E-14	6.E-08	5.E-17	4.E-11	5.E-31	4.E-25	4.E-24	3.E-18	1.E-16	1.E-10	5.E-07	4.E-01	7.E-16	6.E-10
Cm244	4.E-08	9.E-04	3.E-14	6.E-10	9.E-27	2.E-22	9.E-20	2.E-15	1.E-15	3.E-11	8.E-05	2.E+00	7.E-14	1.E-09
Cm245	6.E-10	3.E-08	1.E-16	5.E-15	3.E-29	1.E-27	2.E-22	1.E-20	5.E-18	2.E-16	2.E-06	7.E-05	2.E-15	1.E-13
Cs135	9.E-02	1.E-02	2.E-04	3.E-05	6.E-17	9.E-18	5.E-10	8.E-11	9.E-06	1.E-06	3.E+00	4.E-01	2.E-08	3.E-09
Cs137	4.E-01	4.E+03	2.E-04	2.E+00	4.E-17	5.E-13	6.E-10	7.E-06	8.E-06	9.E-02	9.E+00	1.E+05	4.E-08	5.E-04
Fr221	2.E-21	8.E-11	7.E-24	3.E-13	1.E-36	4.E-26	1.E-29	6.E-19	6.E-26	2.E-15	3.E-20	1.E-09	2.E-28	7.E-18
Fr223	2.E-18	2.E-08	3.E-20	3.E-10	2.E-34	2.E-24	3.E-27	3.E-17	1.E-21	1.E-11	8.E-17	7.E-07	1.E-25	1.E-15
I129	6.E-02	1.E-03	4.E-05	9.E-07	1.E-17	3.E-19	1.E-10	3.E-12	2.E-06	4.E-08	1.E+01	3.E-01	2.E-08	5.E-10
Nb93m	1.E-06	4.E-02	5.E-09	1.E-04	4.E-24	1.E-19	6.E-17	2.E-12	2.E-10	6.E-06	2.E-04	5.E+00	3.E-13	7.E-09
Ni63	2.E-03	8.E+00	2.E-07	7.E-04	2.E-20	1.E-16	4.E-13	2.E-09	8.E-09	3.E-05	5.E-03	2.E+01	5.E-12	2.E-08
Np237	2.E-02	4.E-03	1.E-05	2.E-06	3.E-18	6.E-19	3.E-11	6.E-12	6.E-07	9.E-08	8.E-01	1.E-01	2.E-09	4.E-10
Np239	5.E-16	3.E-08	2.E-18	1.E-10	2.E-32	1.E-24	2.E-25	1.E-17	5.E-18	3.E-10	4.E-09	2.E-01	4.E-18	2.E-10
Pa231	3.E-07	3.E-06	4.E-09	5.E-08	1.E-23	1.E-22	3.E-16	3.E-15	1.E-10	1.E-09	1.E-05	1.E-04	2.E-14	2.E-13
Pa233	9.E-10	4.E-03	5.E-13	2.E-06	1.E-25	6.E-19	1.E-18	6.E-12	2.E-14	1.E-07	3.E-08	1.E-01	9.E-17	4.E-10
Pa234m	4.E-13	7.E-02	9.E-15	1.E-03	0.	0.	4.E-33	6.E-22	2.E-23	3.E-12	2.E-26	4.E-15	7.E-34	1.E-22
Pb209	8.E-20	8.E-11	3.E-22	3.E-13	5.E-35	4.E-26	6.E-28	6.E-19	2.E-24	2.E-15	1.E-18	1.E-09	8.E-27	7.E-18
Pb210	1.E-16	2.E-12	8.E-19	1.E-14	1.E-36	2.E-32	2.E-29	2.E-25	3.E-20	5.E-16	4.E-16	6.E-12	3.E-25	5.E-21
Pb211	2.E-16	1.E-06	4.E-18	2.E-08	2.E-32	1.E-22	4.E-25	2.E-15	1.E-19	7.E-10	1.E-14	5.E-05	2.E-23	8.E-14
Pb214	8.E-22	6.E-12	8.E-24	5.E-14	0.	0.	6.E-35	4.E-25	2.E-25	1.E-15	6.E-21	4.E-11	9.E-30	6.E-20
Pd107	4.E-02	2.E-03	2.E-05	9.E-07	3.E-18	2.E-19	3.E-11	2.E-12	7.E-07	4.E-08	1.E+01	5.E-01	2.E-08	1.E-09
Po210	2.E-18	2.E-12	1.E-20	1.E-14	2.E-38	2.E-32	3.E-31	3.E-25	5.E-22	5.E-16	6.E-18	6.E-12	5.E-27	4.E-21
Po213	3.E-29	8.E-11	1.E-31	3.E-13	0.	0.	2.E-37	5.E-19	8.E-34	2.E-15	4.E-28	1.E-09	3.E-36	7.E-18

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-112 MOLES	TANK C-112 CURIES	TANK C-201 MOLES	TANK C-201 CURIES	TANK C-202 MOLES	TANK C-202 CURIES	TANK C-203 MOLES	TANK C-203 CURIES	TANK C-204 MOLES	TANK C-204 CURIES	TANK S-101 MOLES	TANK S-101 CURIES	TANK S-102 MOLES	TANK S-102 CURIES
Po214	1.E-28	7.E-12	1.E-30	7.E-14	0.	0.	0.	0.	2.E-32	2.E-15	7.E-28	5.E-11	1.E-36	8.E-20
Po215	2.E-22	1.E-06	3.E-24	2.E-08	2.E-38	1.E-22	3.E-31	2.E-15	1.E-25	7.E-10	8.E-21	5.E-05	1.E-29	8.E-14
Po218	9.E-23	6.E-12	9.E-25	5.E-14	0.	0.	7.E-36	4.E-25	2.E-26	1.E-15	6.E-22	4.E-11	1.E-30	6.E-20
Pu238	0.	0.	0.	0.	5.E-36	2.E-32	8.E-31	3.E-27	0.	0.	7.E-07	3.E-03	1.E-15	6.E-12
Pu239	0.	0.	0.	0.	2.E-35	3.E-34	3.E-30	5.E-29	0.	0.	4.E-07	6.E-06	6.E-16	9.E-15
Pu240	0.	0.	0.	0.	3.E-33	2.E-31	4.E-28	2.E-26	0.	0.	3.E-06	2.E-04	4.E-15	2.E-13
Pu241	0.	0.	0.	0.	1.E-38	3.E-34	2.E-33	4.E-29	0.	0.	2.E-10	5.E-06	4.E-19	9.E-15
Ra223	1.E-13	1.E-06	2.E-15	2.E-08	1.E-29	1.E-22	2.E-22	2.E-15	6.E-17	7.E-10	4.E-12	5.E-05	7.E-21	8.E-14
Ra225	9.E-18	8.E-11	3.E-20	3.E-13	5.E-33	4.E-26	6.E-26	6.E-19	3.E-22	2.E-15	1.E-16	1.E-09	8.E-25	7.E-18
Ra226	3.E-14	6.E-12	2.E-16	5.E-14	2.E-34	4.E-32	2.E-27	4.E-25	6.E-18	1.E-15	2.E-13	4.E-11	3.E-22	6.E-20
Ru106	3.E-09	1.E-03	8.E-15	3.E-09	2.E-31	7.E-26	9.E-24	3.E-18	3.E-16	1.E-10	1.E-07	4.E-02	4.E-16	1.E-10
Sb126	2.E-21	2.E-14	4.E-20	5.E-13	3.E-37	3.E-30	3.E-30	3.E-23	2.E-21	2.E-14	3.E-14	3.E-07	1.E-16	1.E-09
Sb126m	2.E-24	2.E-14	5.E-23	5.E-13	0.	0.	3.E-33	3.E-23	2.E-24	2.E-14	4.E-17	3.E-07	1.E-19	1.E-09
Se79	5.E-03	3.E-02	3.E-06	2.E-05	9.E-19	5.E-18	9.E-12	5.E-11	1.E-07	8.E-07	1.E+00	6.E+00	1.E-09	7.E-09
Sm151	1.E-08	5.E-05	2.E-10	9.E-07	2.E-24	6.E-21	1.E-17	5.E-14	7.E-10	3.E-06	8.E-02	3.E+02	3.E-10	1.E-06
Sn126	6.E-15	2.E-14	3.E-16	1.E-15	8.E-31	3.E-30	8.E-24	3.E-23	2.E-16	8.E-16	7.E-02	3.E-01	3.E-10	1.E-09
Sr90	4.E-05	5.E-01	6.E-04	7.E+00	5.E-18	6.E-14	4.E-12	5.E-08	3.E-05	3.E-01	5.E+00	6.E+04	2.E-08	2.E-04
Tc99	5.E-01	9.E-01	4.E-04	6.E-04	1.E-16	2.E-16	1.E-09	2.E-09	2.E-05	3.E-05	1.E+02	2.E+02	2.E-07	3.E-07
Th227	2.E-21	1.E-14	3.E-23	2.E-16	2.E-29	1.E-22	8.E-26	5.E-19	8.E-25	6.E-18	7.E-12	5.E-05	1.E-20	8.E-14
Th229	1.E-20	7.E-19	5.E-23	3.E-21	9.E-28	4.E-26	3.E-24	2.E-22	4.E-25	2.E-23	2.E-11	1.E-09	1.E-19	7.E-18
Th230	3.E-18	2.E-17	3.E-20	1.E-19	5.E-32	2.E-31	3.E-30	2.E-29	2.E-28	9.E-28	1.E-10	5.E-10	6.E-19	3.E-18
Th231	2.E-19	3.E-11	7.E-21	8.E-13	0.	0.	7.E-35	9.E-27	6.E-30	8.E-22	7.E-23	8.E-15	1.E-31	1.E-23
Th234	1.E-16	6.E-10	3.E-18	2.E-11	0.	0.	3.E-32	2.E-25	6.E-27	4.E-20	7.E-22	4.E-15	2.E-29	1.E-22
Tl207	3.E-17	1.E-06	5.E-19	2.E-08	3.E-33	1.E-22	5.E-26	2.E-15	2.E-20	7.E-10	1.E-15	5.E-05	2.E-24	8.E-14
U233	9.E-08	2.E-07	1.E-10	3.E-10	3.E-23	6.E-23	3.E-16	7.E-16	8.E-17	2.E-16	2.E-08	5.E-08	1.E-15	3.E-15
U234	2.E-05	3.E-05	9.E-08	1.E-07	2.E-27	2.E-27	4.E-22	5.E-22	3.E-20	4.E-20	6.E-10	9.E-10	2.E-17	2.E-17
U235	6.E+00	3.E-03	1.E-01	6.E-05	1.E-32	5.E-36	6.E-20	3.E-23	7.E-15	4.E-18	1.E-12	7.E-16	3.E-20	2.E-23
U238	9.E+02	7.E-02	2.E+01	1.E-03	8.E-37	0.	8.E-18	7.E-22	1.E-12	1.E-16	3.E-13	3.E-17	4.E-20	3.E-24
Y90	1.E-08	5.E-01	2.E-07	8.E+00	1.E-21	7.E-14	1.E-15	5.E-08	7.E-09	3.E-01	1.E-03	6.E+04	5.E-12	2.E-04
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	9.E-08	0.	5.E-11	0.	1.E-23	0.	1.E-16	0.	2.E-12	0.	9.E-08	0.	2.E-14	0.
Al	3.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E+05	0.	3.E-03	0.
Ba	5.E-03	0.	1.E-04	0.	4.E-17	0.	5.E-10	0.	1.E-05	0.	2.E-03	0.	1.E-09	0.
Bi	1.E-15	0.	6.E-18	0.	8.E-31	0.	9.E-24	0.	2.E-19	0.	1.E-14	0.	2.E-23	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+02	0.	6.E-07	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-112 MOLES	TANK C-112 CURIES	TANK C-201 MOLES	TANK C-201 CURIES	TANK C-202 MOLES	TANK C-202 CURIES	TANK C-203 MOLES	TANK C-203 CURIES	TANK C-204 MOLES	TANK C-204 CURIES	TANK S-101 MOLES	TANK S-101 CURIES	TANK S-102 MOLES	TANK S-102 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.E+04	0.	8.E-05	0.
CO3	2.E+04	0.	2.E+02	0.	3.E-11	0.	3.E-04	0.	7.E+00	0.	2.E+05	0.	3.E-04	0.
Ca	2.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.E-04	0.	1.E-12	0.
Ce	6.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+01	0.	2.E-07	0.
Cl	3.E-06	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-05	0.	8.E-14	0.
Cr	2.E-14	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E-01	0.	3.E-10	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E+02	0.	6.E-07	0.
F	1.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	4.E-05	0.
Fe	1.E-21	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	2.E-05	0.
Fe(CN)6	7.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+01	0.	5.E-09	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+02	0.	1.E-06	0.
K	2.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E+04	0.	4.E-05	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-26	0.	1.E-33	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+02	0.	6.E-07	0.
NO2	4.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+05	0.	6.E-04	0.
NO3	3.E+05	0.	1.E+01	0.	4.E-12	0.	4.E-05	0.	6.E-01	0.	2.E+06	0.	5.E-03	0.
Na	3.E+05	0.	4.E+02	0.	3.E-01	0.	3.E+00	0.	4.E+01	0.	2.E+06	0.	1.E+02	0.
Ni	1.E-02	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E-01	0.	2.E-10	0.
OH	4.E+01	0.	2.E+00	0.	3.E-01	0.	3.E+00	0.	2.E+01	0.	9.E+01	0.	1.E+02	0.
PO4	8.E+03	0.	2.E+01	0.	7.E-12	0.	7.E-05	0.	1.E+00	0.	2.E+04	0.	3.E-06	0.
Pb	2.E-11	0.	4.E-13	0.	6.E-27	0.	7.E-20	0.	2.E-14	0.	5.E-03	0.	5.E-12	0.
SiO3	2.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	4.E-05	0.
SO4	3.E+03	0.	3.E+01	0.	7.E-12	0.	7.E-05	0.	1.E+00	0.	5.E+04	0.	2.E-04	0.
Sr	7.E-03	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+01	0.	1.E-08	0.
ZrO	0.	0.	0.	0.	1.E-26	0.	0.	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK S-103		TANK S-104		TANK S-105		TANK S-106		TANK S-107		TANK S-108		TANK S-109	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	3.E-24	4.E-17	2.E-17	2.E-10	6.E-17	8.E-10	1.E-16	2.E-09	1.E-25	1.E-18	2.E-16	2.E-09	4.E-15	5.E-08
Ac227	7.E-18	1.E-13	2.E-10	3.E-06	4.E-10	6.E-06	8.E-10	1.E-05	4.E-18	6.E-14	2.E-09	4.E-05	8.E-09	1.E-04
Am241	9.E-10	8.E-07	2.E-07	1.E-04	7.E-07	6.E-04	6.E-04	5.E-01	5.E-10	4.E-07	2.E-01	1.E+02	2.E-01	2.E+02
Am242	5.E-18	1.E-09	5.E-16	9.E-08	3.E-15	6.E-07	4.E-12	7.E-04	5.E-18	1.E-09	1.E-09	3.E-01	2.E-09	3.E-01
Am242m	5.E-13	1.E-09	4.E-11	9.E-08	2.E-10	6.E-07	3.E-07	7.E-04	5.E-13	1.E-09	1.E-04	3.E-01	1.E-04	3.E-01
Am243	1.E-11	7.E-10	4.E-10	2.E-08	4.E-09	2.E-07	7.E-06	3.E-04	7.E-12	4.E-10	2.E-03	1.E-01	3.E-03	1.E-01
At217	1.E-31	4.E-17	7.E-25	2.E-10	2.E-24	8.E-10	5.E-24	2.E-09	4.E-33	1.E-18	7.E-24	2.E-09	1.E-22	5.E-08
Ba137m	4.E-15	3.E-04	5.E-10	3.E+01	7.E-09	5.E+02	1.E-08	8.E+02	2.E-15	2.E-04	2.E-08	1.E+03	7.E-10	5.E+01
Bi210	6.E-28	2.E-20	9.E-20	2.E-12	2.E-21	5.E-14	2.E-20	6.E-13	3.E-28	8.E-21	7.E-20	2.E-12	2.E-20	6.E-13
Bi211	1.E-24	1.E-13	3.E-17	3.E-06	7.E-17	6.E-06	1.E-16	1.E-05	7.E-25	6.E-14	2.E-16	2.E-05	7.E-17	7.E-06
Bi213	1.E-26	4.E-17	6.E-20	3.E-10	2.E-19	8.E-10	4.E-19	2.E-09	3.E-28	1.E-18	3.E-19	1.E-09	6.E-19	3.E-09
Bi214	2.E-29	2.E-19	7.E-22	6.E-12	2.E-23	1.E-13	2.E-22	2.E-12	5.E-30	5.E-20	1.E-21	1.E-11	3.E-22	3.E-12
C14	5.E-10	3.E-08	9.E-02	5.E+00	2.E-01	1.E+01	5.E-01	3.E+01	2.E-09	1.E-07	1.E+00	6.E+01	5.E+00	3.E+02
Cm242	1.E-15	8.E-10	1.E-13	8.E-08	6.E-13	5.E-07	8.E-10	6.E-04	1.E-15	8.E-10	3.E-07	2.E-01	3.E-07	3.E-01
Cm244	1.E-13	2.E-09	8.E-08	2.E-03	2.E-07	3.E-03	7.E-07	1.E-02	1.E-13	2.E-09	4.E-05	8.E-01	5.E-05	1.E+00
Cm245	2.E-15	7.E-14	7.E-10	3.E-08	1.E-09	5.E-08	1.E-08	4.E-07	4.E-15	1.E-13	8.E-07	3.E-05	1.E-06	4.E-05
Cs135	1.E-08	2.E-09	2.E+00	3.E-01	7.E+00	1.E+00	1.E+01	2.E+00	4.E-09	6.E-10	9.E+00	1.E+00	6.E+01	9.E+00
Cs137	3.E-08	4.E-04	3.E+00	4.E+04	9.E+00	1.E+05	2.E+01	2.E+05	1.E-08	2.E-04	2.E+01	3.E+05	1.E+02	2.E+06
Fr221	1.E-27	4.E-17	6.E-21	2.E-10	2.E-20	8.E-10	4.E-20	2.E-09	3.E-29	1.E-18	6.E-20	2.E-09	1.E-18	5.E-08
Fr223	2.E-25	2.E-15	4.E-18	4.E-08	1.E-17	9.E-08	2.E-17	2.E-07	1.E-25	8.E-16	7.E-17	6.E-07	2.E-16	2.E-06
I129	3.E-08	7.E-10	7.E-01	2.E-02	2.E+00	5.E-02	4.E+00	9.E-02	3.E-08	7.E-10	1.E+01	2.E-01	4.E+01	9.E-01
Nb93m	9.E-13	2.E-08	1.E-06	4.E-02	2.E-06	5.E-02	7.E-06	2.E-01	2.E-13	6.E-09	1.E-04	4.E+00	4.E-04	1.E+01
Ni63	3.E-14	1.E-10	3.E-02	1.E+02	7.E-02	3.E+02	1.E-01	5.E+02	3.E-14	1.E-10	3.E-04	1.E+00	9.E-02	3.E+02
Np237	4.E-09	6.E-10	2.E-01	4.E-02	6.E-01	1.E-01	1.E+00	2.E-01	9.E-10	2.E-10	1.E+00	2.E-01	7.E+00	1.E+00
Np239	1.E-17	7.E-10	3.E-16	2.E-08	3.E-15	2.E-07	6.E-12	3.E-04	6.E-18	3.E-10	2.E-09	1.E-01	2.E-09	1.E-01
Pa231	3.E-14	3.E-13	4.E-07	5.E-06	1.E-06	1.E-05	2.E-06	2.E-05	1.E-14	2.E-13	8.E-06	9.E-05	3.E-05	3.E-04
Pa233	1.E-16	6.E-10	8.E-09	4.E-02	2.E-08	1.E-01	4.E-08	2.E-01	3.E-17	2.E-10	5.E-08	2.E-01	3.E-07	1.E+00
Pa234m	5.E-33	7.E-22	5.E-27	8.E-16	1.E-25	2.E-14	2.E-24	3.E-13	2.E-37	4.E-26	1.E-25	2.E-14	2.E-13	3.E-02
Pb209	4.E-26	4.E-17	3.E-19	2.E-10	8.E-19	8.E-10	2.E-18	2.E-09	1.E-27	1.E-18	3.E-18	2.E-09	2.E-17	2.E-08
Pb210	1.E-24	2.E-20	1.E-16	2.E-12	3.E-18	4.E-14	3.E-17	5.E-13	5.E-25	7.E-21	2.E-16	4.E-12	3.E-16	4.E-12
Pb211	2.E-23	1.E-13	5.E-16	3.E-06	1.E-15	6.E-06	2.E-15	1.E-05	1.E-23	6.E-14	8.E-15	4.E-05	9.E-15	5.E-05
Pb214	3.E-29	2.E-19	9.E-22	6.E-12	2.E-23	1.E-13	3.E-22	2.E-12	7.E-30	5.E-20	3.E-21	2.E-11	3.E-21	2.E-11
Pd107	1.E-08	8.E-10	4.E-01	2.E-02	1.E+00	7.E-02	2.E+00	1.E-01	1.E-08	8.E-10	8.E+00	4.E-01	3.E+01	1.E+00
Po210	1.E-26	1.E-20	2.E-18	2.E-12	4.E-20	4.E-14	6.E-19	5.E-13	8.E-27	7.E-21	4.E-18	4.E-12	1.E-17	1.E-11
Po213	2.E-35	4.E-17	9.E-29	2.E-10	3.E-28	8.E-10	6.E-28	2.E-09	5.E-37	1.E-18	9.E-28	2.E-09	2.E-26	5.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-103 MOLES	TANK S-103 CURIES	TANK S-104 MOLES	TANK S-104 CURIES	TANK S-105 MOLES	TANK S-105 CURIES	TANK S-106 MOLES	TANK S-106 CURIES	TANK S-107 MOLES	TANK S-107 CURIES	TANK S-108 MOLES	TANK S-108 CURIES	TANK S-109 MOLES	TANK S-109 CURIES
Po214	3.E-36	2.E-19	1.E-28	8.E-12	3.E-30	2.E-13	3.E-29	2.E-12	8.E-37	6.E-20	4.E-28	3.E-11	1.E-27	8.E-11
Po215	2.E-29	1.E-13	4.E-22	3.E-06	1.E-21	6.E-06	2.E-21	1.E-05	9.E-30	6.E-14	7.E-21	4.E-05	2.E-20	1.E-04
Po218	3.E-30	2.E-19	1.E-22	6.E-12	2.E-24	1.E-13	3.E-23	2.E-12	8.E-31	5.E-20	4.E-22	2.E-11	1.E-21	7.E-11
Pu238	4.E-15	2.E-11	0.	0.	0.	0.	7.E-09	3.E-05	3.E-15	1.E-11	6.E-07	2.E-03	5.E-09	2.E-05
Pu239	3.E-14	4.E-13	0.	0.	0.	0.	4.E-07	5.E-06	1.E-15	2.E-14	6.E-07	9.E-06	9.E-06	1.E-04
Pu240	9.E-15	5.E-13	0.	0.	0.	0.	2.E-07	9.E-06	1.E-14	6.E-13	2.E-06	1.E-04	6.E-07	3.E-05
Pu241	1.E-16	3.E-12	0.	0.	0.	0.	2.E-09	4.E-05	2.E-18	5.E-14	1.E-09	3.E-05	2.E-08	4.E-04
Ra223	1.E-20	1.E-13	2.E-13	3.E-06	5.E-13	6.E-06	1.E-12	1.E-05	5.E-21	6.E-14	4.E-12	4.E-05	1.E-11	1.E-04
Ra225	5.E-24	4.E-17	3.E-17	2.E-10	9.E-17	8.E-10	2.E-16	2.E-09	2.E-25	1.E-18	3.E-16	2.E-09	6.E-15	5.E-08
Ra226	9.E-22	2.E-19	3.E-14	6.E-12	6.E-16	1.E-13	9.E-15	2.E-12	2.E-22	5.E-20	1.E-13	2.E-11	3.E-13	7.E-11
Ru106	2.E-16	6.E-11	4.E-10	1.E-04	6.E-12	2.E-06	3.E-09	1.E-03	1.E-16	5.E-11	6.E-08	2.E-02	5.E-07	2.E-01
Sb126	1.E-15	1.E-08	1.E-21	1.E-14	5.E-21	5.E-14	1.E-13	2.E-06	2.E-17	2.E-10	3.E-13	3.E-06	4.E-15	4.E-08
Sb126m	1.E-18	1.E-08	1.E-24	1.E-14	5.E-24	5.E-14	2.E-16	2.E-06	2.E-20	2.E-10	3.E-16	3.E-06	3.E-18	3.E-08
Se79	2.E-09	1.E-08	5.E-02	3.E-01	1.E-01	8.E-01	3.E-01	2.E+00	2.E-09	1.E-08	8.E-01	5.E+00	3.E+00	2.E+01
Sm151	4.E-09	1.E-05	9.E-09	4.E-05	4.E-08	2.E-04	2.E-03	7.E+00	6.E-11	2.E-07	1.E-01	5.E+02	7.E-01	3.E+03
Sn126	4.E-09	1.E-08	3.E-15	1.E-14	1.E-14	5.E-14	2.E-03	6.E-03	6.E-11	2.E-10	1.E-01	4.E-01	7.E-01	2.E+00
Sr90	3.E-08	4.E-04	4.E-12	5.E-08	4.E-09	5.E-05	6.E-02	7.E+02	7.E-09	9.E-05	4.E+00	5.E+04	8.E+00	1.E+05
Tc99	2.E-07	4.E-07	6.E+00	1.E+01	2.E+01	3.E+01	3.E+01	6.E+01	2.E-07	4.E-07	1.E+02	2.E+02	3.E+02	6.E+02
Th227	2.E-20	1.E-13	3.E-21	2.E-14	7.E-21	5.E-14	2.E-12	1.E-05	8.E-21	6.E-14	6.E-12	4.E-05	2.E-11	1.E-04
Th229	9.E-19	4.E-17	5.E-20	3.E-18	2.E-19	1.E-17	4.E-11	2.E-09	3.E-20	1.E-18	5.E-11	2.E-09	1.E-09	5.E-08
Th230	7.E-18	3.E-17	2.E-27	8.E-27	3.E-24	2.E-23	2.E-12	1.E-11	5.E-20	3.E-19	1.E-10	6.E-10	2.E-09	8.E-09
Th231	2.E-30	2.E-22	3.E-33	4.E-25	1.E-31	1.E-23	6.E-22	8.E-14	1.E-31	1.E-23	4.E-22	5.E-14	1.E-11	1.E-03
Th234	1.E-28	8.E-22	2.E-30	9.E-24	5.E-29	3.E-22	5.E-20	3.E-13	7.E-33	4.E-26	3.E-21	2.E-14	5.E-09	3.E-02
Tl207	3.E-24	1.E-13	7.E-17	3.E-06	2.E-16	6.E-06	3.E-16	1.E-05	2.E-24	6.E-14	1.E-15	4.E-05	4.E-15	1.E-04
U233	7.E-16	2.E-15	4.E-09	1.E-08	3.E-08	7.E-08	6.E-08	1.E-07	3.E-16	6.E-16	6.E-08	1.E-07	2.E-13	5.E-13
U234	2.E-17	2.E-17	3.E-16	5.E-16	5.E-13	7.E-13	5.E-11	7.E-11	1.E-17	2.E-17	9.E-10	1.E-09	2.E-13	3.E-13
U235	4.E-19	2.E-22	6.E-16	3.E-19	5.E-14	3.E-17	3.E-12	2.E-15	3.E-20	1.E-23	5.E-12	2.E-15	3.E-08	2.E-11
U238	2.E-21	1.E-25	1.E-13	9.E-18	7.E-12	5.E-16	7.E-11	6.E-15	5.E-22	4.E-26	9.E-12	7.E-16	4.E-06	3.E-10
Y90	8.E-12	4.E-04	1.E-15	5.E-08	1.E-12	5.E-05	2.E-05	7.E+02	2.E-12	9.E-05	1.E-03	5.E+04	2.E-03	1.E+05
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	8.E-15	0.	1.E-06	0.	3.E-06	0.	7.E-06	0.	3.E-14	0.	1.E-05	0.	5.E-05	0.
Al	2.E-03	0.	4.E+05	0.	1.E+06	0.	2.E+06	0.	5.E-04	0.	1.E+06	0.	8.E+06	0.
Ba	3.E-10	0.	4.E-04	0.	7.E-03	0.	1.E-02	0.	3.E-10	0.	8.E-03	0.	1.E-03	0.
Bi	6.E-23	0.	2.E-14	0.	1.E-13	0.	2.E-13	0.	2.E-23	0.	7.E-15	0.	4.E-14	0.
C2H3O3	3.E-05	0.	0.	0.	0.	0.	1.E+01	0.	1.E-07	0.	7.E+02	0.	4.E+03	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-103 MOLES	TANK S-103 CURIES	TANK S-104 MOLES	TANK S-104 CURIES	TANK S-105 MOLES	TANK S-105 CURIES	TANK S-106 MOLES	TANK S-106 CURIES	TANK S-107 MOLES	TANK S-107 CURIES	TANK S-108 MOLES	TANK S-108 CURIES	TANK S-109 MOLES	TANK S-109 CURIES
C6H5O7	2.E-04	0.	0.	0.	0.	0.	1.E+04	0.	2.E-04	0.	7.E+04	0.	1.E+05	0.
CO3	2.E-04	0.	0.	0.	0.	0.	3.E+03	0.	2.E-04	0.	1.E+05	0.	5.E+05	0.
Ca	2.E-12	0.	0.	0.	0.	0.	4.E-04	0.	2.E-12	0.	2.E-03	0.	4.E-03	0.
Ce	2.E-07	0.	0.	0.	0.	0.	5.E-03	0.	3.E-08	0.	3.E+01	0.	4.E+01	0.
Cl	5.E-13	0.	0.	0.	0.	0.	1.E-08	0.	6.E-14	0.	2.E-05	0.	7.E-05	0.
Cr	3.E-08	0.	8.E-14	0.	5.E-13	0.	2.E-02	0.	2.E-10	0.	1.E+00	0.	4.E+02	0.
EDTA	6.E-05	0.	0.	0.	0.	0.	2.E+01	0.	2.E-07	0.	1.E+03	0.	6.E+03	0.
F	1.E-04	0.	0.	0.	0.	0.	8.E+01	0.	2.E-05	0.	3.E+04	0.	2.E+05	0.
Fe	6.E-05	0.	0.	0.	0.	0.	2.E+03	0.	3.E-05	0.	1.E+04	0.	3.E+04	0.
Fe(CN)6	7.E-12	0.	0.	0.	0.	0.	3.E-03	0.	6.E-11	0.	3.E+00	0.	5.E+00	0.
HEDTA	6.E-05	0.	0.	0.	0.	0.	4.E+01	0.	5.E-07	0.	2.E+03	0.	1.E+04	0.
K	3.E-05	0.	0.	0.	0.	0.	2.E+01	0.	6.E-05	0.	1.E+04	0.	1.E+04	0.
La	7.E-24	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E-35	0.	0.	0.
Mn	8.E-06	0.	0.	0.	0.	0.	4.E+01	0.	2.E-06	0.	5.E+02	0.	2.E+03	0.
NO2	2.E-03	0.	2.E+05	0.	2.E+05	0.	5.E+05	0.	5.E-04	0.	3.E+05	0.	1.E+06	0.
NO3	8.E-03	0.	2.E+06	0.	7.E+06	0.	2.E+07	0.	4.E-03	0.	9.E+06	0.	3.E+07	0.
Na	2.E-03	0.	9.E+05	0.	4.E+06	0.	2.E+07	0.	4.E+01	0.	6.E+06	0.	9.E+06	0.
Ni	5.E-10	0.	0.	0.	0.	0.	9.E-01	0.	9.E-10	0.	1.E+00	0.	5.E+01	0.
OH	2.E-07	0.	2.E+01	0.	1.E+02	0.	2.E+02	0.	4.E+01	0.	2.E+02	0.	2.E+02	0.
PO4	3.E-05	0.	0.	0.	0.	0.	1.E+01	0.	3.E-05	0.	1.E+04	0.	9.E+02	0.
Pb	7.E-12	0.	7.E-11	0.	2.E-10	0.	3.E-02	0.	1.E-11	0.	4.E-02	0.	4.E-02	0.
SiO3	2.E-05	0.	2.E+03	0.	3.E+03	0.	1.E+04	0.	2.E-05	0.	1.E+04	0.	3.E+04	0.
SO4	1.E-04	0.	8.E+03	0.	3.E+04	0.	5.E+04	0.	1.E-04	0.	8.E+04	0.	4.E+05	0.
Sr	7.E-09	0.	0.	0.	0.	0.	5.E-05	0.	1.E-08	0.	3.E+00	0.	8.E-01	0.
ZrO	4.E-10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK S-110		TANK S-111		TANK S-112		TANK SX-101		TANK SX-102		TANK SX-103		TANK SX-104	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	3.E-16	4.E-09	3.E-16	4.E-09	5.E-15	7.E-08	2.E-26	3.E-19	3.E-19	4.E-12	2.E-15	3.E-08	2.E-16	2.E-09
Ac227	6.E-09	1.E-04	6.E-09	1.E-04	4.E-08	6.E-04	2.E-19	3.E-15	2.E-11	3.E-07	3.E-08	5.E-04	5.E-09	8.E-05
Am241	8.E-03	6.E+00	1.E-02	9.E+00	1.E+00	1.E+03	2.E-11	2.E-08	2.E-03	2.E+00	3.E+00	3.E+03	5.E-01	4.E+02
Am242	4.E-11	8.E-03	7.E-11	1.E-02	1.E-08	2.E+00	1.E-19	3.E-11	2.E-11	3.E-03	3.E-08	5.E+00	4.E-09	8.E-01
Am242m	4.E-06	8.E-03	5.E-06	1.E-02	8.E-04	2.E+00	1.E-14	3.E-11	1.E-06	3.E-03	2.E-03	5.E+00	3.E-04	8.E-01
Am243	7.E-05	3.E-03	1.E-04	6.E-03	2.E-02	9.E-01	4.E-13	2.E-11	3.E-05	1.E-03	5.E-02	2.E+00	8.E-03	4.E-01
At217	1.E-23	4.E-09	1.E-23	4.E-09	2.E-22	7.E-08	8.E-34	3.E-19	1.E-26	4.E-12	9.E-23	3.E-08	6.E-24	2.E-09
Ba137m	4.E-09	3.E+02	4.E-09	3.E+02	4.E-10	3.E+01	2.E-16	2.E-05	6.E-09	5.E+02	3.E-05	2.E+06	2.E-08	2.E+03
Bi210	5.E-20	1.E-12	3.E-20	9.E-13	2.E-19	5.E-12	2.E-29	5.E-22	1.E-21	3.E-14	3.E-18	8.E-11	4.E-19	1.E-11
Bi211	8.E-16	7.E-05	5.E-16	5.E-05	8.E-16	7.E-05	4.E-26	3.E-15	3.E-18	3.E-07	6.E-15	5.E-04	9.E-16	8.E-05
Bi213	8.E-19	3.E-09	5.E-19	2.E-09	2.E-18	8.E-09	7.E-29	3.E-19	1.E-21	4.E-12	8.E-18	3.E-08	5.E-19	2.E-09
Bi214	8.E-22	8.E-12	5.E-22	5.E-12	2.E-21	2.E-11	3.E-31	3.E-21	2.E-23	2.E-13	4.E-20	4.E-10	6.E-21	6.E-11
C14	3.E+00	2.E+02	3.E+00	2.E+02	2.E+01	1.E+03	1.E-10	6.E-09	4.E-03	3.E-01	9.E+00	6.E+02	1.E+00	7.E+01
Cm242	9.E-09	7.E-03	1.E-08	1.E-02	2.E-06	2.E+00	3.E-17	2.E-11	3.E-09	2.E-03	5.E-06	4.E+00	8.E-07	7.E-01
Cm244	2.E-05	3.E-01	2.E-05	3.E-01	4.E-04	7.E+00	3.E-15	6.E-11	5.E-07	9.E-03	8.E-04	2.E+01	1.E-04	2.E+00
Cm245	2.E-07	7.E-06	2.E-07	8.E-06	7.E-06	3.E-04	5.E-17	2.E-15	9.E-09	4.E-07	2.E-05	7.E-04	2.E-06	1.E-04
Cs135	4.E+01	5.E+00	3.E+01	5.E+00	1.E+02	2.E+01	4.E-10	6.E-11	1.E-02	2.E-03	5.E+01	7.E+00	4.E+00	6.E-01
Cs137	2.E+02	2.E+06	1.E+02	2.E+06	5.E+02	6.E+06	2.E-09	2.E-05	4.E-02	5.E+02	2.E+02	2.E+06	1.E+01	1.E+05
Fr221	1.E-19	4.E-09	1.E-19	4.E-09	2.E-18	7.E-08	7.E-30	3.E-19	1.E-22	4.E-12	8.E-19	3.E-08	5.E-20	2.E-09
Fr223	2.E-16	1.E-06	2.E-16	1.E-06	1.E-15	9.E-06	5.E-27	5.E-17	4.E-19	4.E-09	9.E-16	8.E-06	1.E-16	1.E-06
I129	2.E+01	6.E-01	2.E+01	5.E-01	2.E+02	4.E+00	8.E-10	2.E-11	8.E-02	2.E-03	1.E+02	3.E+00	2.E+01	5.E-01
Nb93m	3.E-04	7.E+00	3.E-04	7.E+00	2.E-03	5.E+01	1.E-14	3.E-10	1.E-06	3.E-02	2.E-03	5.E+01	3.E-04	7.E+00
Ni63	1.E-06	4.E-03	3.E-06	1.E-02	4.E-01	2.E+03	2.E-12	6.E-09	2.E-06	8.E-03	3.E-02	1.E+02	9.E-03	4.E+01
Np237	2.E+00	3.E-01	2.E+00	3.E-01	2.E+01	4.E+00	1.E-10	2.E-11	4.E-03	7.E-04	1.E+01	2.E+00	1.E+00	2.E-01
Np239	6.E-11	3.E-03	1.E-10	5.E-03	2.E-08	9.E-01	3.E-19	2.E-11	2.E-11	1.E-03	4.E-08	2.E+00	6.E-09	4.E-01
Pa231	2.E-05	2.E-04	2.E-05	2.E-04	1.E-04	1.E-03	8.E-16	8.E-15	6.E-08	7.E-07	1.E-04	1.E-03	2.E-05	2.E-04
Pa233	6.E-08	3.E-01	6.E-08	3.E-01	8.E-07	4.E+00	4.E-18	2.E-11	2.E-10	7.E-04	4.E-07	2.E+00	4.E-08	2.E-01
Pa234m	5.E-24	7.E-13	9.E-24	2.E-12	1.E-13	2.E-02	6.E-35	1.E-23	4.E-30	6.E-19	3.E-13	4.E-02	4.E-26	7.E-15
Pb209	5.E-18	4.E-09	4.E-18	4.E-09	3.E-19	3.E-10	3.E-28	3.E-19	4.E-21	4.E-12	3.E-17	3.E-08	2.E-18	2.E-09
Pb210	1.E-16	2.E-12	1.E-16	2.E-12	1.E-17	2.E-13	3.E-26	5.E-22	2.E-18	3.E-14	4.E-15	7.E-11	6.E-16	1.E-11
Pb211	2.E-14	1.E-04	2.E-14	1.E-04	6.E-16	3.E-06	6.E-25	3.E-15	5.E-17	3.E-07	1.E-13	5.E-04	1.E-14	8.E-05
Pb214	2.E-21	1.E-11	2.E-21	1.E-11	1.E-22	9.E-13	4.E-31	3.E-21	3.E-23	2.E-13	6.E-20	4.E-10	9.E-21	6.E-11
Pd107	2.E+01	9.E-01	2.E+01	9.E-01	1.E+02	6.E+00	4.E-10	2.E-11	6.E-02	3.E-03	1.E+02	6.E+00	1.E+01	8.E-01
Po210	2.E-18	2.E-12	2.E-18	2.E-12	4.E-17	4.E-11	5.E-28	4.E-22	3.E-20	3.E-14	7.E-17	7.E-11	1.E-17	9.E-12
Po213	2.E-27	4.E-09	2.E-27	4.E-09	2.E-26	7.E-08	1.E-37	3.E-19	2.E-30	4.E-12	1.E-26	3.E-08	7.E-28	2.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-110 MOLES	TANK S-110 CURIES	TANK S-111 MOLES	TANK S-111 CURIES	TANK S-112 MOLES	TANK S-112 CURIES	TANK SX-101 MOLES	TANK SX-101 CURIES	TANK SX-102 MOLES	TANK SX-102 CURIES	TANK SX-103 MOLES	TANK SX-103 CURIES	TANK SX-104 MOLES	TANK SX-104 CURIES
Po214	2.E-28	1.E-11	2.E-28	1.E-11	4.E-27	2.E-10	5.E-38	3.E-21	4.E-30	3.E-13	7.E-27	5.E-10	1.E-27	8.E-11
Po215	2.E-20	1.E-04	2.E-20	1.E-04	1.E-19	6.E-04	5.E-31	3.E-15	4.E-23	3.E-07	9.E-20	5.E-04	1.E-20	8.E-05
Po218	2.E-22	1.E-11	2.E-22	1.E-11	3.E-21	2.E-10	4.E-32	3.E-21	4.E-24	2.E-13	7.E-21	4.E-10	1.E-21	6.E-11
Pu238	2.E-07	9.E-04	2.E-07	1.E-03	2.E-08	8.E-05	1.E-16	4.E-13	9.E-09	4.E-05	5.E-05	2.E-01	1.E-06	4.E-03
Pu239	2.E-06	2.E-05	2.E-06	2.E-05	3.E-05	5.E-04	8.E-17	1.E-15	6.E-09	9.E-08	5.E-05	7.E-04	6.E-07	9.E-06
Pu240	3.E-06	2.E-04	3.E-06	2.E-04	2.E-06	1.E-04	4.E-16	2.E-14	4.E-08	2.E-06	2.E-04	1.E-02	4.E-06	2.E-04
Pu241	8.E-09	2.E-04	8.E-09	2.E-04	3.E-08	9.E-04	3.E-20	7.E-16	7.E-12	2.E-07	7.E-08	2.E-03	2.E-10	6.E-06
Ra223	9.E-12	1.E-04	8.E-12	1.E-04	6.E-11	6.E-04	3.E-22	3.E-15	2.E-14	3.E-07	5.E-11	5.E-04	7.E-12	8.E-05
Ra225	5.E-16	4.E-09	5.E-16	4.E-09	8.E-15	7.E-08	3.E-26	3.E-19	5.E-19	4.E-12	4.E-15	3.E-08	2.E-16	2.E-09
Ra226	5.E-14	1.E-11	5.E-14	1.E-11	9.E-13	2.E-10	1.E-23	3.E-21	1.E-15	2.E-13	2.E-12	4.E-10	3.E-13	6.E-11
Ru106	1.E-07	4.E-02	1.E-07	4.E-02	6.E-07	2.E-01	3.E-17	1.E-11	4.E-10	1.E-04	8.E-07	3.E-01	2.E-07	6.E-02
Sb126	7.E-13	8.E-06	6.E-13	6.E-06	0.	0.	4.E-18	4.E-11	5.E-11	6.E-04	5.E-07	5.E+00	5.E-13	5.E-06
Sb126m	8.E-16	8.E-06	6.E-16	6.E-06	0.	0.	5.E-21	4.E-11	6.E-14	6.E-04	5.E-10	5.E+00	5.E-16	5.E-06
Se79	2.E+00	1.E+01	2.E+00	1.E+01	1.E+01	7.E+01	5.E-11	3.E-10	6.E-03	3.E-02	1.E+01	6.E+01	2.E+00	9.E+00
Sm151	5.E-02	2.E+02	5.E-02	2.E+02	4.E-01	2.E+03	1.E-11	5.E-08	2.E-04	7.E-01	2.E+00	6.E+03	1.E-01	5.E+02
Sn126	4.E-02	2.E-01	5.E-02	2.E-01	4.E-01	1.E+00	1.E-11	4.E-11	2.E-04	6.E-04	1.E+00	5.E+00	1.E-01	4.E-01
Sr90	6.E+01	7.E+05	5.E+01	6.E+05	1.E+02	2.E+06	8.E-10	9.E-06	2.E-02	3.E+02	7.E+01	9.E+05	7.E+00	9.E+04
Tc99	2.E+02	4.E+02	2.E+02	3.E+02	1.E+03	2.E+03	6.E-09	1.E-08	7.E-01	1.E+00	1.E+03	2.E+03	2.E+02	3.E+02
Th227	1.E-11	1.E-04	1.E-11	9.E-05	9.E-11	6.E-04	5.E-22	3.E-15	4.E-14	3.E-07	7.E-11	5.E-04	1.E-11	7.E-05
Th229	9.E-11	4.E-09	9.E-11	4.E-09	1.E-09	7.E-08	6.E-21	3.E-19	9.E-14	4.E-12	6.E-10	3.E-08	4.E-11	2.E-09
Th230	5.E-11	2.E-10	5.E-11	2.E-10	6.E-10	3.E-09	5.E-20	2.E-19	2.E-13	1.E-12	2.E-09	9.E-09	2.E-10	9.E-10
Th231	2.E-21	3.E-13	3.E-21	3.E-13	5.E-12	7.E-04	1.E-32	1.E-24	6.E-25	7.E-17	1.E-11	2.E-03	8.E-23	1.E-14
Th234	1.E-19	7.E-13	3.E-19	2.E-12	3.E-09	2.E-02	2.E-30	1.E-23	1.E-25	6.E-19	8.E-09	4.E-02	1.E-21	7.E-15
Tl207	3.E-15	1.E-04	2.E-15	1.E-04	2.E-14	6.E-04	8.E-26	3.E-15	7.E-18	3.E-07	1.E-14	5.E-04	2.E-15	8.E-05
U233	6.E-08	1.E-07	5.E-08	1.E-07	5.E-13	1.E-12	5.E-17	1.E-16	2.E-09	3.E-09	2.E-05	4.E-05	3.E-08	7.E-08
U234	3.E-10	4.E-10	3.E-10	4.E-10	6.E-14	8.E-14	1.E-18	1.E-18	6.E-11	8.E-11	1.E-05	2.E-05	1.E-09	1.E-09
U235	1.E-11	5.E-15	1.E-11	5.E-15	1.E-08	8.E-12	2.E-21	1.E-24	1.E-13	7.E-17	3.E+00	2.E-03	2.E-12	1.E-15
U238	2.E-10	1.E-14	3.E-10	2.E-14	2.E-06	2.E-10	9.E-20	7.E-24	7.E-15	6.E-19	5.E+02	4.E-02	5.E-13	4.E-17
Y90	1.E-02	7.E+05	1.E-02	7.E+05	4.E-02	2.E+06	2.E-13	1.E-05	5.E-06	3.E+02	2.E-02	9.E+05	2.E-03	9.E+04
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	3.E-05	0.	3.E-05	0.	2.E-04	0.	8.E-16	0.	5.E-08	0.	1.E-04	0.	1.E-05	0.
Al	3.E+06	0.	3.E+06	0.	2.E+07	0.	1.E-04	0.	2.E+03	0.	5.E+06	0.	5.E+05	0.
Ba	4.E-03	0.	4.E-03	0.	5.E-04	0.	6.E-11	0.	1.E-03	0.	2.E+01	0.	2.E-03	0.
Bi	3.E-14	0.	2.E-14	0.	1.E-13	0.	2.E-24	0.	5.E-17	0.	3.E-13	0.	2.E-14	0.
C2H3O3	3.E+02	0.	3.E+02	0.	2.E+03	0.	3.E-08	0.	5.E-01	0.	9.E+03	0.	3.E+02	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-110		TANK S-111		TANK S-112		TANK SX-101		TANK SX-102		TANK SX-103		TANK SX-104	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
C6H5O7	1.E+05	0.	1.E+05	0.	7.E+05	0.	7.E-06	0.	6.E+02	0.	1.E+06	0.	1.E+05	0.
CO3	9.E+04	0.	9.E+04	0.	3.E+06	0.	1.E-05	0.	7.E+02	0.	2.E+06	0.	2.E+05	0.
Ca	3.E-02	0.	3.E-02	0.	9.E-03	0.	2.E-13	0.	6.E-06	0.	4.E-02	0.	6.E-04	0.
Ce	4.E+00	0.	4.E+00	0.	2.E+02	0.	6.E-09	0.	1.E-01	0.	2.E+02	0.	3.E+01	0.
Cl	1.E-05	0.	1.E-05	0.	6.E-04	0.	3.E-15	0.	2.E-07	0.	4.E-04	0.	6.E-05	0.
Cr	5.E-01	0.	5.E-01	0.	2.E+02	0.	1.E-11	0.	8.E-04	0.	2.E+01	0.	4.E-01	0.
EDTA	4.E+02	0.	4.E+02	0.	4.E+03	0.	5.E-08	0.	8.E-01	0.	1.E+04	0.	5.E+02	0.
F	6.E+03	0.	7.E+03	0.	7.E+05	0.	2.E-06	0.	6.E+01	0.	1.E+05	0.	2.E+04	0.
Fe	2.E+04	0.	2.E+04	0.	1.E+05	0.	8.E-07	0.	1.E+02	0.	2.E+05	0.	2.E+04	0.
Fe(CN)6	8.E+01	0.	7.E+01	0.	3.E-02	0.	2.E-10	0.	2.E-04	0.	1.E+02	0.	2.E+01	0.
HEDTA	9.E+02	0.	9.E+02	0.	7.E+03	0.	5.E-08	0.	2.E+00	0.	3.E+04	0.	1.E+03	0.
K	1.E+03	0.	1.E+03	0.	1.E+05	0.	2.E-06	0.	2.E+02	0.	3.E+05	0.	4.E+04	0.
La	0.	0.	0.	0.	0.	0.	3.E-36	0.	2.E-22	0.	1.E-12	0.	8.E-26	0.
Mn	4.E+02	0.	4.E+02	0.	4.E+03	0.	5.E-08	0.	4.E+00	0.	9.E+03	0.	1.E+03	0.
NO2	3.E+05	0.	3.E+05	0.	4.E+06	0.	3.E-05	0.	1.E+03	0.	3.E+06	0.	3.E+05	0.
NO3	1.E+07	0.	1.E+07	0.	5.E+07	0.	4.E-04	0.	1.E+04	0.	4.E+07	0.	3.E+06	0.
Na	4.E+06	0.	4.E+06	0.	8.E+06	0.	6.E+01	0.	1.E+04	0.	3.E+07	0.	2.E+06	0.
Ni	6.E-01	0.	8.E-01	0.	9.E+02	0.	3.E-11	0.	7.E-02	0.	4.E+02	0.	3.E-01	0.
OH	2.E+02	0.	2.E+02	0.	3.E+02	0.	6.E+01	0.	4.E-01	0.	2.E+03	0.	1.E+02	0.
PO4	3.E+03	0.	4.E+03	0.	2.E+02	0.	8.E-07	0.	9.E+01	0.	1.E+05	0.	3.E+04	0.
Pb	2.E-02	0.	2.E-02	0.	6.E-02	0.	4.E-13	0.	5.E-05	0.	4.E-01	0.	5.E-03	0.
SiO3	1.E+04	0.	1.E+04	0.	2.E+05	0.	2.E-06	0.	6.E+01	0.	1.E+05	0.	2.E+04	0.
SO4	2.E+05	0.	1.E+05	0.	2.E+06	0.	7.E-06	0.	2.E+02	0.	7.E+05	0.	8.E+04	0.
Sr	1.E+01	0.	9.E+00	0.	2.E+01	0.	8.E-10	0.	4.E-02	0.	2.E+02	0.	2.E+01	0.
ZrO	0.	0.	0.	0.	0.	0.	0.	0.	5.E-04	0.	1.E+01	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK SX-105		TANK SX-106		TANK SX-107		TANK SX-108		TANK SX-109		TANK SX-110		TANK SX-111	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	2.E-16	2.E-09	3.E-15	4.E-08	3.E-24	4.E-17	2.E-23	2.E-16	5.E-24	7.E-17	2.E-24	3.E-17	5.E-32	7.E-25
Ac227	1.E-08	2.E-04	5.E-09	9.E-05	3.E-17	6.E-13	1.E-16	2.E-12	4.E-17	7.E-13	1.E-17	2.E-13	3.E-24	5.E-20
Am241	1.E+00	1.E+03	5.E-01	4.E+02	7.E-15	6.E-12	3.E-14	2.E-11	1.E-14	1.E-11	2.E-10	2.E-07	4.E-22	3.E-19
Am242	9.E-09	2.E+00	3.E-09	6.E-01	4.E-23	8.E-15	2.E-22	3.E-14	2.E-22	3.E-14	1.E-18	3.E-10	2.E-30	5.E-22
Am242m	8.E-04	2.E+00	3.E-04	6.E-01	3.E-18	8.E-15	1.E-17	3.E-14	1.E-17	3.E-14	1.E-13	3.E-10	2.E-25	5.E-22
Am243	2.E-02	8.E-01	5.E-03	2.E-01	6.E-17	3.E-15	1.E-16	5.E-15	1.E-16	5.E-15	4.E-12	2.E-10	3.E-24	2.E-22
At217	7.E-24	2.E-09	1.E-22	4.E-08	1.E-31	4.E-17	6.E-31	2.E-16	2.E-31	7.E-17	7.E-32	2.E-17	2.E-39	6.E-25
Ba137m	4.E-08	3.E+03	1.E-07	9.E+03	1.E-13	8.E-03	2.E-13	2.E-02	2.E-13	2.E-02	4.E-15	3.E-04	7.E-21	5.E-10
Bi210	7.E-19	2.E-11	1.E-19	3.E-12	3.E-28	8.E-21	1.E-27	3.E-20	7.E-28	2.E-20	1.E-27	3.E-20	2.E-35	6.E-28
Bi211	2.E-15	2.E-04	4.E-16	3.E-05	7.E-24	6.E-13	2.E-23	2.E-12	8.E-24	7.E-13	3.E-24	2.E-13	6.E-31	5.E-20
Bi213	6.E-19	2.E-09	3.E-18	1.E-08	1.E-26	4.E-17	5.E-26	2.E-16	2.E-26	7.E-17	6.E-27	3.E-17	2.E-34	7.E-25
Bi214	1.E-20	1.E-10	4.E-21	4.E-11	2.E-30	2.E-20	1.E-29	9.E-20	5.E-30	5.E-20	1.E-29	1.E-19	1.E-37	1.E-27
C14	2.E+00	1.E+02	3.E-01	2.E+01	3.E-08	2.E-06	6.E-08	4.E-06	3.E-08	2.E-06	2.E-09	1.E-07	9.E-16	6.E-14
Cm242	2.E-06	1.E+00	6.E-07	5.E-01	8.E-21	6.E-15	3.E-20	3.E-14	3.E-20	3.E-14	3.E-16	2.E-10	5.E-28	4.E-22
Cm244	3.E-04	6.E+00	5.E-05	1.E+00	7.E-14	1.E-09	3.E-13	5.E-09	7.E-14	1.E-09	5.E-14	9.E-10	5.E-21	1.E-16
Cm245	6.E-06	2.E-04	1.E-06	4.E-05	9.E-16	4.E-14	2.E-15	7.E-14	9.E-16	4.E-14	9.E-16	4.E-14	3.E-23	1.E-21
Cs135	7.E+00	1.E+00	8.E+00	1.E+00	2.E-07	4.E-08	5.E-07	7.E-08	5.E-07	7.E-08	1.E-08	2.E-09	7.E-15	1.E-15
Cs137	3.E+01	3.E+05	2.E+01	3.E+05	7.E-07	8.E-03	1.E-06	2.E-02	1.E-06	2.E-02	3.E-08	3.E-04	5.E-14	6.E-10
Fr221	6.E-20	2.E-09	9.E-19	4.E-08	1.E-27	4.E-17	5.E-27	2.E-16	2.E-27	7.E-17	6.E-28	3.E-17	2.E-35	7.E-25
Fr223	3.E-16	2.E-06	1.E-16	1.E-06	9.E-25	8.E-15	3.E-24	3.E-14	1.E-24	1.E-14	4.E-25	3.E-15	8.E-32	7.E-22
I129	4.E+01	1.E+00	2.E+01	4.E-01	1.E-07	3.E-09	2.E-07	5.E-09	2.E-07	5.E-09	7.E-09	2.E-10	7.E-15	2.E-16
Nb93m	6.E-04	2.E+01	6.E-04	2.E+01	1.E-12	3.E-08	2.E-12	5.E-08	2.E-12	5.E-08	7.E-13	2.E-08	8.E-20	2.E-15
Ni63	3.E-05	1.E-01	2.E-05	7.E-02	2.E-18	6.E-15	4.E-16	2.E-12	7.E-09	3.E-05	1.E-10	4.E-07	3.E-17	1.E-13
Np237	3.E+00	4.E-01	3.E+00	5.E-01	7.E-09	1.E-09	3.E-08	5.E-09	1.E-08	2.E-09	4.E-09	6.E-10	2.E-16	4.E-17
Np239	1.E-08	8.E-01	4.E-09	2.E-01	5.E-23	3.E-15	9.E-23	5.E-15	9.E-23	5.E-15	3.E-18	2.E-10	3.E-30	2.E-22
Pa231	4.E-05	4.E-04	2.E-05	2.E-04	1.E-13	1.E-12	5.E-13	5.E-12	1.E-13	1.E-12	3.E-14	3.E-13	1.E-20	1.E-19
Pa233	9.E-08	4.E-01	1.E-07	5.E-01	3.E-16	1.E-09	1.E-15	5.E-09	5.E-16	3.E-09	1.E-16	6.E-10	8.E-24	4.E-17
Pa234m	5.E-28	7.E-17	3.E-24	5.E-13	2.E-36	3.E-25	4.E-28	7.E-17	4.E-28	7.E-17	9.E-34	1.E-22	1.E-35	2.E-24
Pb209	3.E-18	2.E-09	4.E-17	4.E-08	4.E-26	4.E-17	2.E-25	2.E-16	7.E-26	7.E-17	3.E-26	3.E-17	7.E-34	7.E-25
Pb210	1.E-15	2.E-11	5.E-16	8.E-12	4.E-25	7.E-21	2.E-24	3.E-20	1.E-24	2.E-20	2.E-24	3.E-20	4.E-32	6.E-28
Pb211	3.E-14	2.E-04	2.E-14	9.E-05	1.E-22	6.E-13	4.E-22	2.E-12	1.E-22	7.E-13	5.E-23	2.E-13	1.E-29	5.E-20
Pb214	2.E-20	1.E-10	2.E-20	1.E-10	3.E-30	2.E-20	1.E-29	9.E-20	7.E-30	5.E-20	2.E-29	1.E-19	2.E-37	1.E-27
Pd107	3.E+01	2.E+00	1.E+01	7.E-01	1.E-07	7.E-09	2.E-07	1.E-08	1.E-07	7.E-09	7.E-09	4.E-10	4.E-15	2.E-16
Po210	2.E-17	2.E-11	8.E-18	7.E-12	8.E-27	7.E-21	3.E-26	3.E-20	2.E-28	2.E-20	3.E-26	3.E-20	6.E-34	6.E-28
Po213	9.E-28	2.E-09	1.E-26	4.E-08	1.E-35	4.E-17	7.E-35	2.E-16	2.E-35	7.E-17	9.E-36	2.E-17	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-105 MOLES	TANK SX-105 CURIES	TANK SX-106 MOLES	TANK SX-106 CURIES	TANK SX-107 MOLES	TANK SX-107 CURIES	TANK SX-108 MOLES	TANK SX-108 CURIES	TANK SX-109 MOLES	TANK SX-109 CURIES	TANK SX-110 MOLES	TANK SX-110 CURIES	TANK SX-111 MOLES	TANK SX-111 CURIES
Po214	2.E-27	2.E-10	2.E-27	1.E-10	4.E-37	3.E-20	2.E-36	1.E-19	8.E-37	6.E-20	2.E-36	2.E-19	0.	0.
Po215	3.E-20	2.E-04	1.E-20	9.E-05	9.E-29	6.E-13	3.E-28	2.E-12	1.E-28	7.E-13	4.E-29	2.E-13	8.E-36	5.E-20
Po218	2.E-21	1.E-10	2.E-21	1.E-10	4.E-31	2.E-20	2.E-30	9.E-20	8.E-31	5.E-20	2.E-30	1.E-19	2.E-38	1.E-27
Pu238	3.E-06	1.E-02	2.E-06	8.E-03	3.E-15	1.E-11	1.E-14	5.E-11	2.E-15	7.E-12	4.E-15	2.E-11	4.E-25	2.E-21
Pu239	2.E-06	3.E-05	1.E-05	2.E-04	7.E-18	1.E-16	1.E-17	2.E-16	7.E-18	1.E-16	6.E-14	9.E-13	2.E-27	3.E-26
Pu240	1.E-05	6.E-04	5.E-06	3.E-04	4.E-14	2.E-12	2.E-13	1.E-11	4.E-14	2.E-12	2.E-14	1.E-12	2.E-21	9.E-20
Pu241	2.E-09	5.E-05	5.E-08	1.E-03	7.E-19	2.E-14	2.E-18	4.E-14	7.E-19	2.E-14	2.E-16	4.E-12	1.E-26	3.E-22
Ra223	1.E-11	2.E-04	8.E-12	9.E-05	5.E-20	6.E-13	2.E-19	2.E-12	6.E-20	7.E-13	2.E-20	2.E-13	4.E-27	5.E-20
Ra225	3.E-16	2.E-09	4.E-15	4.E-08	5.E-24	4.E-17	2.E-23	2.E-16	8.E-24	7.E-17	3.E-24	3.E-17	8.E-32	7.E-25
Ra226	6.E-13	1.E-10	5.E-13	1.E-10	1.E-22	2.E-20	4.E-22	9.E-20	2.E-22	5.E-20	6.E-22	1.E-19	6.E-30	1.E-27
Ru106	2.E-07	8.E-02	1.E-07	4.E-02	6.E-16	2.E-10	1.E-16	4.E-11	6.E-16	2.E-10	4.E-16	1.E-10	3.E-23	1.E-17
Sb126	9.E-13	1.E-05	7.E-13	8.E-06	4.E-29	4.E-22	8.E-23	8.E-16	8.E-23	8.E-16	6.E-16	7.E-09	2.E-30	2.E-23
Sb126m	1.E-15	1.E-05	8.E-16	8.E-06	4.E-32	4.E-22	8.E-26	8.E-16	8.E-26	8.E-16	7.E-19	7.E-09	2.E-33	2.E-23
Se79	3.E+00	2.E+01	1.E+00	7.E+00	1.E-08	8.E-08	3.E-08	2.E-07	1.E-08	8.E-08	9.E-10	5.E-09	4.E-16	2.E-15
Sm151	1.E-01	4.E+02	3.E+00	1.E+04	4.E-16	2.E-12	2.E-15	6.E-12	2.E-15	6.E-12	2.E-09	7.E-06	3.E-23	1.E-19
Sn126	1.E-01	3.E-01	3.E+00	9.E+00	1.E-22	4.E-22	2.E-16	8.E-16	2.E-16	8.E-16	2.E-09	6.E-09	7.E-24	2.E-23
Sr90	1.E+01	1.E+05	2.E+01	2.E+05	2.E-19	2.E-15	1.E-06	2.E-02	7.E-07	9.E-03	1.E-08	2.E-04	4.E-19	4.E-15
Tc99	4.E+02	7.E+02	1.E+02	3.E+02	2.E-06	3.E-06	4.E-06	6.E-06	2.E-06	3.E-06	1.E-07	2.E-07	6.E-14	1.E-13
Th227	2.E-11	2.E-04	1.E-11	9.E-05	8.E-20	5.E-13	3.E-19	2.E-12	1.E-19	7.E-13	3.E-20	2.E-13	7.E-27	5.E-20
Th229	5.E-11	2.E-09	7.E-10	4.E-08	8.E-19	4.E-17	4.E-18	2.E-16	1.E-18	7.E-17	5.E-19	3.E-17	1.E-26	7.E-25
Th230	1.E-10	7.E-10	3.E-09	2.E-08	5.E-21	3.E-20	3.E-20	1.E-19	2.E-21	1.E-20	3.E-18	2.E-17	2.E-29	8.E-29
Th231	2.E-22	3.E-14	8.E-22	1.E-13	1.E-32	1.E-24	3.E-26	4.E-18	3.E-26	4.E-18	4.E-29	5.E-21	9.E-34	1.E-25
Th234	1.E-23	7.E-17	1.E-19	5.E-13	5.E-32	3.E-25	1.E-23	7.E-17	1.E-23	7.E-17	3.E-29	1.E-22	4.E-31	2.E-24
Tl207	4.E-15	2.E-04	2.E-15	9.E-05	1.E-23	6.E-13	5.E-23	2.E-12	2.E-23	7.E-13	6.E-24	2.E-13	1.E-30	5.E-20
U233	5.E-08	1.E-07	4.E-08	1.E-07	3.E-14	7.E-14	1.E-13	3.E-13	6.E-14	1.E-13	7.E-15	2.E-14	7.E-22	2.E-21
U234	2.E-09	3.E-09	7.E-10	1.E-09	3.E-16	5.E-16	1.E-15	2.E-15	1.E-16	2.E-16	1.E-16	2.E-16	8.E-25	1.E-24
U235	5.E-12	2.E-15	2.E-11	9.E-15	3.E-21	1.E-24	7.E-15	4.E-18	7.E-15	4.E-18	9.E-18	5.E-21	2.E-22	1.E-25
U238	8.E-14	6.E-18	2.E-13	1.E-17	3.E-21	3.E-25	9.E-13	7.E-17	9.E-13	7.E-17	2.E-18	1.E-22	3.E-20	2.E-24
Y90	3.E-03	2.E+05	4.E-03	2.E+05	4.E-23	2.E-15	3.E-10	2.E-02	2.E-10	9.E-03	3.E-12	2.E-04	9.E-23	5.E-15
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	3.E-05	0.	6.E-06	0.	2.E-13	0.	4.E-13	0.	3.E-13	0.	2.E-14	0.	6.E-21	0.
Al	1.E+06	0.	2.E+06	0.	2.E-02	0.	6.E-02	0.	3.E-02	0.	2.E-03	0.	9.E-10	0.
Ba	4.E-03	0.	1.E-02	0.	2.E-07	0.	5.E-07	0.	5.E-07	0.	3.E-09	0.	1.E-14	0.
Bi	3.E-14	0.	1.E-14	0.	3.E-22	0.	2.E-21	0.	7.E-22	0.	3.E-22	0.	1.E-29	0.
C2H3O3	3.E+02	0.	1.E+04	0.	0.	0.	0.	0.	0.	0.	2.E-05	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-105 MOLES	TANK SX-105 CURIES	TANK SX-106 MOLES	TANK SX-106 CURIES	TANK SX-107 MOLES	TANK SX-107 CURIES	TANK SX-108 MOLES	TANK SX-108 CURIES	TANK SX-109 MOLES	TANK SX-109 CURIES	TANK SX-110 MOLES	TANK SX-110 CURIES	TANK SX-111 MOLES	TANK SX-111 CURIES
C6H5O7	4.E+05	0.	2.E+05	0.	0.	0.	0.	0.	0.	0.	1.E-03	0.	0.	0.
CO3	4.E+05	0.	1.E+05	0.	0.	0.	0.	0.	0.	0.	4.E-03	0.	1.E-19	0.
Ca	4.E-03	0.	7.E-04	0.	2.E-09	0.	6.E-08	0.	0.	0.	6.E-11	0.	1.E-17	0.
Ce	6.E+01	0.	1.E+02	0.	0.	0.	0.	0.	0.	0.	1.E-07	0.	0.	0.
Cl	1.E-04	0.	2.E-04	0.	0.	0.	0.	0.	0.	0.	9.E-13	0.	0.	0.
Cr	5.E-01	0.	2.E+01	0.	2.E-19	0.	6.E-11	0.	6.E-11	0.	3.E-08	0.	1.E-20	0.
EDTA	5.E+02	0.	2.E+04	0.	0.	0.	0.	0.	0.	0.	3.E-05	0.	0.	0.
F	4.E+04	0.	5.E+04	0.	0.	0.	0.	0.	0.	0.	1.E-04	0.	5.E-13	0.
Fe	6.E+04	0.	4.E+04	0.	0.	0.	0.	0.	0.	0.	1.E-04	0.	0.	0.
Fe(CN)6	1.E-01	0.	3.E-03	0.	0.	0.	0.	0.	0.	0.	1.E-10	0.	0.	0.
HEDTA	1.E+03	0.	4.E+04	0.	0.	0.	0.	0.	0.	0.	3.E-05	0.	0.	0.
K	9.E+04	0.	1.E+04	0.	0.	0.	0.	0.	0.	0.	2.E-05	0.	0.	0.
La	0.	0.	5.E-15	0.	0.	0.	0.	0.	0.	0.	3.E-21	0.	0.	0.
Mn	2.E+03	0.	4.E+03	0.	0.	0.	0.	0.	0.	0.	8.E-06	0.	0.	0.
NO2	7.E+05	0.	1.E+06	0.	6.E-05	0.	4.E-06	0.	0.	0.	2.E-03	0.	2.E-12	0.
NO3	7.E+06	0.	4.E+06	0.	1.E-01	0.	3.E-01	0.	3.E-01	0.	2.E-02	0.	4.E-09	0.
Na	7.E+06	0.	1.E+06	0.	6.E-02	0.	1.E-01	0.	1.E-01	0.	2.E-02	0.	2.E-06	0.
Ni	1.E+00	0.	3.E-01	0.	0.	0.	0.	0.	0.	0.	4.E-06	0.	0.	0.
OH	2.E+02	0.	2.E+02	0.	3.E-02	0.	1.E-01	0.	2.E-06	0.	2.E-06	0.	2.E-06	0.
PO4	5.E+04	0.	2.E+04	0.	0.	0.	0.	0.	0.	0.	2.E-04	0.	1.E-20	0.
Pb	3.E-02	0.	3.E-03	0.	1.E-17	0.	4.E-17	0.	2.E-17	0.	1.E-10	0.	7.E-25	0.
SiO3	4.E+04	0.	6.E+03	0.	8.E-06	0.	6.E-05	0.	0.	0.	6.E-05	0.	1.E-13	0.
SO4	1.E+05	0.	4.E+04	0.	1.E-03	0.	2.E-03	0.	2.E-03	0.	1.E-03	0.	3.E-11	0.
Sr	3.E+01	0.	6.E+00	0.	0.	0.	0.	0.	0.	0.	1.E-08	0.	0.	0.
ZrO	0.	0.	0.	0.	1.E-13	0.	6.E-07	0.	2.E-07	0.	2.E-09	0.	7.E-18	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK SX-112		TANK SX-113		TANK SX-114		TANK SX-115		TANK SY-101		TANK SY-102		TANK SY-103	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	9.E-19	1.E-11	4.E-15	5.E-08	1.E-32	2.E-25	1.E-15	2.E-08	3.E-15	4.E-08	3.E-15	3.E-08	5.E-15	6.E-08
Ac227	1.E-11	2.E-07	2.E-09	3.E-05	2.E-24	3.E-20	4.E-09	6.E-05	5.E-09	8.E-05	5.E-09	9.E-05	9.E-09	2.E-04
Am241	2.E-08	2.E-05	4.E-08	3.E-05	4.E-22	3.E-19	2.E-06	1.E-03	5.E-01	4.E+02	5.E-01	4.E+02	9.E-01	8.E+02
Am242	1.E-16	2.E-08	9.E-17	2.E-08	5.E-30	9.E-22	1.E-14	2.E-06	3.E-09	6.E-01	3.E-09	6.E-01	6.E-09	1.E+00
Am242m	8.E-12	2.E-08	7.E-12	2.E-08	4.E-25	9.E-22	8.E-10	2.E-06	2.E-04	6.E-01	3.E-04	6.E-01	5.E-04	1.E+00
Am243	1.E-10	6.E-09	1.E-10	6.E-09	2.E-24	8.E-23	1.E-08	6.E-07	5.E-03	2.E-01	5.E-03	2.E-01	9.E-03	4.E-01
At217	3.E-26	1.E-11	1.E-22	5.E-08	0.	0.	5.E-23	2.E-08	1.E-22	3.E-08	1.E-22	3.E-08	2.E-22	6.E-08
Ba137m	4.E-08	3.E+03	6.E-13	5.E-02	7.E-21	5.E-10	1.E-05	1.E+06	3.E-07	2.E+04	2.E-07	1.E+04	9.E-08	7.E+03
Bi210	5.E-23	1.E-15	2.E-27	4.E-20	7.E-36	2.E-28	2.E-20	6.E-13	1.E-19	3.E-12	7.E-20	2.E-12	9.E-20	2.E-12
Bi211	2.E-18	2.E-07	3.E-24	3.E-13	3.E-31	3.E-20	7.E-16	6.E-05	3.E-16	3.E-05	2.E-16	2.E-05	3.E-16	2.E-05
Bi213	3.E-21	1.E-11	2.E-25	9.E-16	4.E-35	2.E-25	4.E-18	2.E-08	3.E-18	1.E-08	2.E-18	7.E-09	2.E-18	1.E-08
Bi214	3.E-25	3.E-15	5.E-29	5.E-19	7.E-38	7.E-28	1.E-22	1.E-12	4.E-21	4.E-11	2.E-21	2.E-11	3.E-21	3.E-11
C14	6.E-03	4.E-01	1.E+00	7.E+01	9.E-16	6.E-14	2.E+00	1.E+02	4.E-01	3.E+01	3.E-01	2.E+01	6.E-01	4.E+01
Cm242	2.E-14	2.E-08	2.E-08	2.E-02	1.E-27	8.E-22	2.E-12	2.E-06	6.E-07	5.E-01	6.E-07	5.E-01	1.E-06	9.E-01
Cm244	2.E-08	4.E-04	9.E-07	2.E-02	2.E-21	5.E-17	6.E-06	1.E-01	5.E-05	9.E-01	5.E-05	1.E+00	1.E-04	2.E+00
Cm245	2.E-10	9.E-09	9.E-09	4.E-07	1.E-23	6.E-22	6.E-08	3.E-06	9.E-07	4.E-05	1.E-06	4.E-05	2.E-06	8.E-05
Cs135	7.E-02	1.E-02	1.E+01	2.E+00	7.E-15	1.E-15	2.E+01	4.E+00	8.E+00	1.E+00	7.E+00	1.E+00	1.E+01	2.E+00
Cs137	3.E-01	4.E+03	4.E+01	5.E+05	5.E-14	6.E-10	9.E+01	1.E+06	2.E+01	3.E+05	2.E+01	3.E+05	4.E+01	5.E+05
Fr221	3.E-22	1.E-11	1.E-18	5.E-08	4.E-36	2.E-25	4.E-19	2.E-08	9.E-19	4.E-08	9.E-19	3.E-08	2.E-18	6.E-08
Fr223	3.E-19	3.E-09	5.E-17	4.E-07	5.E-32	4.E-22	1.E-16	8.E-07	1.E-16	1.E-06	1.E-16	1.E-06	3.E-16	2.E-06
I129	5.E-02	1.E-03	8.E+00	2.E-01	7.E-15	2.E-16	2.E+01	4.E-01	1.E+01	3.E-01	2.E+01	4.E-01	3.E+01	7.E-01
Nb93m	4.E-07	1.E-02	4.E-04	1.E+01	7.E-20	2.E-15	9.E-05	2.E+00	6.E-04	2.E+01	6.E-04	2.E+01	1.E-03	3.E+01
Ni63	2.E-03	8.E+00	4.E-09	1.E-05	2.E-25	8.E-22	1.E-09	6.E-06	3.E-02	1.E+02	1.E-05	6.E-02	3.E-05	1.E-01
Np237	2.E-03	4.E-04	3.E+00	5.E-01	6.E-17	9.E-18	1.E+00	2.E-01	3.E+00	4.E-01	3.E+00	5.E-01	5.E+00	8.E-01
Np239	1.E-16	6.E-09	1.E-10	7.E-03	1.E-30	8.E-23	1.E-14	6.E-07	4.E-09	2.E-01	4.E-09	2.E-01	7.E-09	4.E-01
Pa231	4.E-08	4.E-07	5.E-06	6.E-05	7.E-21	7.E-20	1.E-05	1.E-04	1.E-05	2.E-04	2.E-05	2.E-04	3.E-05	3.E-04
Pa233	8.E-11	4.E-04	1.E-07	5.E-01	2.E-24	9.E-18	5.E-08	3.E-01	9.E-08	4.E-01	9.E-08	5.E-01	2.E-07	8.E-01
Pa234m	2.E-25	4.E-14	2.E-12	4.E-01	3.E-35	4.E-24	1.E-33	2.E-22	3.E-24	5.E-13	3.E-24	5.E-13	6.E-24	9.E-13
Pb209	1.E-20	1.E-11	2.E-22	2.E-13	2.E-34	2.E-25	2.E-17	2.E-08	4.E-17	4.E-08	4.E-17	3.E-08	7.E-17	6.E-08
Pb210	8.E-20	1.E-15	9.E-22	1.E-17	1.E-32	2.E-28	4.E-17	6.E-13	6.E-16	9.E-12	5.E-16	8.E-12	9.E-16	1.E-11
Pb211	4.E-17	2.E-07	2.E-20	1.E-10	5.E-30	3.E-20	1.E-14	6.E-05	2.E-14	8.E-05	2.E-14	9.E-05	3.E-14	2.E-04
Pb214	4.E-25	3.E-15	1.E-26	1.E-16	1.E-37	7.E-28	2.E-22	1.E-12	1.E-20	1.E-10	1.E-20	1.E-10	3.E-20	2.E-10
Pd107	3.E-02	2.E-03	5.E+00	3.E-01	4.E-15	2.E-16	1.E+01	6.E-01	1.E+01	6.E-01	1.E+01	7.E-01	2.E+01	1.E+00
Po210	1.E-21	1.E-15	4.E-18	4.E-12	2.E-34	2.E-28	7.E-19	6.E-13	8.E-18	8.E-12	7.E-18	7.E-12	1.E-17	1.E-11
Po213	4.E-30	1.E-11	2.E-26	5.E-08	0.	0.	6.E-27	2.E-08	1.E-26	3.E-08	1.E-26	3.E-08	2.E-26	6.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-112 MOLES	TANK SX-112 CURIES	TANK SX-113 MOLES	TANK SX-113 CURIES	TANK SX-114 MOLES	TANK SX-114 CURIES	TANK SX-115 MOLES	TANK SX-115 CURIES	TANK SY-101 MOLES	TANK SY-101 CURIES	TANK SY-102 MOLES	TANK SY-102 CURIES	TANK SY-103 MOLES	TANK SY-103 CURIES
Po214	5.E-32	4.E-15	5.E-28	4.E-11	0.	0.	2.E-29	2.E-12	2.E-27	1.E-10	2.E-27	1.E-10	3.E-27	2.E-10
Po215	3.E-23	2.E-07	5.E-21	3.E-05	5.E-36	3.E-20	9.E-21	6.E-05	1.E-20	8.E-05	1.E-20	9.E-05	2.E-20	2.E-04
Po218	5.E-26	3.E-15	5.E-22	3.E-11	1.E-38	7.E-28	2.E-23	1.E-12	2.E-21	1.E-10	2.E-21	1.E-10	3.E-21	2.E-10
Pu238	2.E-09	9.E-06	0.	0.	2.E-23	1.E-19	1.E-06	6.E-03	2.E-06	8.E-03	2.E-06	7.E-03	3.E-06	1.E-02
Pu239	1.E-12	2.E-11	0.	0.	1.E-27	2.E-26	2.E-11	3.E-10	1.E-05	2.E-04	1.E-05	2.E-04	2.E-05	3.E-04
Pu240	1.E-08	7.E-07	0.	0.	1.E-21	5.E-20	6.E-06	3.E-04	4.E-06	2.E-04	5.E-06	3.E-04	8.E-06	5.E-04
Pu241	2.E-13	4.E-09	0.	0.	8.E-27	2.E-22	6.E-11	2.E-06	4.E-08	1.E-03	4.E-08	1.E-03	8.E-08	2.E-03
Ra223	2.E-14	2.E-07	3.E-12	3.E-05	2.E-27	3.E-20	5.E-12	6.E-05	7.E-12	8.E-05	8.E-12	9.E-05	1.E-11	2.E-04
Ra225	1.E-18	1.E-11	6.E-15	5.E-08	2.E-32	2.E-25	2.E-15	2.E-08	4.E-15	4.E-08	4.E-15	3.E-08	7.E-15	6.E-08
Ra226	1.E-17	3.E-15	1.E-13	3.E-11	3.E-30	7.E-28	6.E-15	1.E-12	5.E-13	1.E-10	5.E-13	1.E-10	8.E-13	2.E-10
Ru106	3.E-10	1.E-04	7.E-07	2.E-01	7.E-23	2.E-17	4.E-09	1.E-03	5.E-07	2.E-01	1.E-07	4.E-02	2.E-07	7.E-02
Sb126	1.E-22	1.E-15	0.	0.	4.E-30	5.E-23	1.E-20	1.E-13	2.E-12	2.E-05	9.E-13	9.E-06	8.E-13	9.E-06
Sb126m	1.E-25	1.E-15	0.	0.	5.E-33	5.E-23	1.E-23	1.E-13	2.E-15	2.E-05	9.E-16	9.E-06	9.E-16	9.E-06
Se79	4.E-03	2.E-02	6.E-01	3.E+00	4.E-16	2.E-15	1.E+00	7.E+00	1.E+00	6.E+00	1.E+00	7.E+00	2.E+00	1.E+01
Sm151	1.E-09	4.E-06	7.E-09	3.E-05	2.E-23	1.E-19	9.E-08	4.E-04	3.E+00	1.E+04	3.E+00	1.E+04	5.E+00	2.E+04
Sn126	4.E-16	1.E-15	7.E-09	3.E-08	1.E-23	5.E-23	3.E-14	1.E-13	3.E+00	9.E+00	3.E+00	9.E+00	5.E+00	2.E+01
Sr90	6.E-02	8.E+02	3.E+01	4.E+05	5.E-14	6.E-10	4.E-11	4.E-07	2.E+01	3.E+05	2.E+01	2.E+05	3.E+01	3.E+05
Tc99	4.E-01	7.E-01	7.E+01	1.E+02	6.E-14	1.E-13	1.E+02	2.E+02	1.E+02	2.E+02	1.E+02	2.E+02	3.E+02	4.E+02
Th227	3.E-14	2.E-07	5.E-20	4.E-13	4.E-27	3.E-20	8.E-12	6.E-05	1.E-11	7.E-05	1.E-11	8.E-05	2.E-11	2.E-04
Th229	2.E-13	1.E-11	1.E-17	7.E-16	3.E-27	2.E-25	3.E-10	2.E-08	7.E-10	3.E-08	7.E-10	3.E-08	1.E-09	6.E-08
Th230	3.E-15	2.E-14	3.E-17	1.E-16	2.E-29	1.E-28	5.E-12	2.E-11	3.E-09	2.E-08	3.E-09	2.E-08	6.E-09	3.E-08
Th231	2.E-23	2.E-15	2.E-18	2.E-10	2.E-33	2.E-25	2.E-26	2.E-18	7.E-22	9.E-14	8.E-22	1.E-13	1.E-21	2.E-13
Th234	7.E-21	4.E-14	9.E-16	5.E-09	8.E-31	4.E-24	4.E-29	2.E-22	8.E-20	5.E-13	1.E-19	5.E-13	2.E-19	9.E-13
Tl207	5.E-18	2.E-07	8.E-16	3.E-05	7.E-31	3.E-20	1.E-15	6.E-05	2.E-15	8.E-05	2.E-15	9.E-05	4.E-15	2.E-04
U233	9.E-09	2.E-08	2.E-13	5.E-13	2.E-22	4.E-22	9.E-06	2.E-05	1.E-07	2.E-07	5.E-08	1.E-07	5.E-08	1.E-07
U234	2.E-10	3.E-10	5.E-13	7.E-13	2.E-24	3.E-24	2.E-07	3.E-07	2.E-09	3.E-09	8.E-10	1.E-09	8.E-10	1.E-09
U235	4.E-12	2.E-15	5.E-07	2.E-10	4.E-22	2.E-25	5.E-15	2.E-18	3.E-11	1.E-14	2.E-11	1.E-14	2.E-11	1.E-14
U238	5.E-10	4.E-14	6.E-05	5.E-09	5.E-20	4.E-24	3.E-18	2.E-22	1.E-11	8.E-16	1.E-13	1.E-17	1.E-13	1.E-17
Y90	2.E-05	8.E+02	6.E-07	3.E+01	1.E-17	6.E-10	9.E-15	4.E-07	5.E-03	3.E+05	4.E-03	2.E+05	7.E-03	4.E+05
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	6.E-08	0.	4.E-06	0.	8.E-21	0.	2.E-05	0.	6.E-06	0.	6.E-06	0.	1.E-05	0.
Al	2.E+04	0.	2.E+06	0.	2.E-09	0.	4.E+06	0.	2.E+06	0.	2.E+06	0.	3.E+06	0.
Ba	1.E-01	0.	3.E-06	0.	1.E-14	0.	5.E+01	0.	4.E-02	0.	1.E-02	0.	7.E-03	0.
Bi	1.E-16	0.	7.E-21	0.	1.E-30	0.	2.E-13	0.	2.E-14	0.	8.E-15	0.	1.E-14	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	1.E+04	0.	2.E+04	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-112 MOLES	TANK SX-112 CURIES	TANK SX-113 MOLES	TANK SX-113 CURIES	TANK SX-114 MOLES	TANK SX-114 CURIES	TANK SX-115 MOLES	TANK SX-115 CURIES	TANK SY-101 MOLES	TANK SY-101 CURIES	TANK SY-102 MOLES	TANK SY-102 CURIES	TANK SY-103 MOLES	TANK SY-103 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	1.E+05	0.	2.E+05	0.	3.E+05	0.
CO3	0.	0.	0.	0.	4.E-28	0.	0.	0.	1.E+05	0.	1.E+05	0.	2.E+05	0.
Ca	0.	0.	0.	0.	0.	0.	0.	0.	6.E-04	0.	7.E-04	0.	1.E-03	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	9.E+01	0.	1.E+02	0.	2.E+02	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	2.E-04	0.	2.E-04	0.	4.E-04	0.
Cr	1.E-14	0.	0.	0.	1.E-20	0.	8.E-13	0.	2.E+01	0.	2.E+01	0.	4.E+01	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	2.E+04	0.	2.E+04	0.	4.E+04	0.
F	0.	0.	0.	0.	2.E-21	0.	0.	0.	5.E+04	0.	5.E+04	0.	9.E+04	0.
Fe	0.	0.	0.	0.	0.	0.	0.	0.	3.E+04	0.	4.E+04	0.	7.E+04	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	3.E-03	0.	3.E-03	0.	6.E-03	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	3.E+04	0.	4.E+04	0.	7.E+04	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	1.E+04	0.	2.E+04	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	4.E-15	0.	5.E-15	0.	9.E-15	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	4.E+03	0.	4.E+03	0.	7.E+03	0.
NO2	0.	0.	0.	0.	1.E-20	0.	0.	0.	1.E+06	0.	1.E+06	0.	2.E+06	0.
NO3	2.E+05	0.	5.E+06	0.	7.E-09	0.	3.E+07	0.	6.E+06	0.	4.E+06	0.	7.E+06	0.
Na	1.E+05	0.	1.E+04	0.	2.E-06	0.	2.E+07	0.	3.E+06	0.	1.E+06	0.	2.E+06	0.
Ni	0.	0.	0.	0.	0.	0.	0.	0.	2.E-01	0.	3.E-01	0.	5.E-01	0.
OH	2.E+00	0.	2.E+06	0.	2.E-06	0.	4.E+06	0.	4.E+02	0.	2.E+02	0.	2.E+02	0.
PO4	0.	0.	0.	0.	5.E-29	0.	0.	0.	2.E+04	0.	2.E+04	0.	3.E+04	0.
Pb	4.E-12	0.	2.E-15	0.	4.E-25	0.	1.E-09	0.	2.E-03	0.	3.E-03	0.	5.E-03	0.
SiO3	0.	0.	7.E+00	0.	2.E-22	0.	0.	0.	6.E+03	0.	5.E+03	0.	1.E+04	0.
SO4	5.E+02	0.	6.E+04	0.	3.E-11	0.	9.E+04	0.	6.E+04	0.	4.E+04	0.	7.E+04	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	6.E+00	0.	6.E+00	0.	1.E+01	0.
ZrO	2.E-02	0.	0.	0.	1.E-14	0.	2.E-10	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK T-101 MOLES	TANK T-101 CURIES	TANK T-102 MOLES	TANK T-102 CURIES	TANK T-103 MOLES	TANK T-103 CURIES	TANK T-104 MOLES	TANK T-104 CURIES	TANK T-105 MOLES	TANK T-105 CURIES	TANK T-106 MOLES	TANK T-106 CURIES	TANK T-107 MOLES	TANK T-107 CURIES
Ac225	3.E-17	4.E-10	4.E-18	5.E-11	4.E-18	6.E-11	5.E-17	7.E-10	2.E-33	2.E-26	2.E-18	2.E-11	1.E-33	1.E-26
Ac227	1.E-09	2.E-05	2.E-11	4.E-07	1.E-10	2.E-06	4.E-10	7.E-06	1.E-26	2.E-22	5.E-12	8.E-08	1.E-26	2.E-22
Am241	1.E-01	9.E+01	2.E-03	2.E+00	1.E-02	9.E+00	2.E-08	1.E-03	4.E-23	4.E-20	4.E-08	3.E-05	2.E-23	2.E-20
Am242	8.E-10	2.E-01	1.E-11	3.E-03	8.E-11	2.E-02	2.E-15	3.E-07	1.E-31	3.E-23	3.E-16	6.E-08	7.E-32	1.E-23
Am242m	7.E-05	2.E-01	1.E-06	3.E-03	7.E-06	2.E-02	1.E-10	3.E-07	1.E-26	3.E-23	3.E-11	6.E-08	6.E-27	1.E-23
Am243	2.E-03	9.E-02	3.E-05	1.E-03	2.E-04	8.E-03	3.E-08	1.E-06	2.E-25	9.E-24	2.E-10	1.E-08	9.E-26	4.E-24
At217	1.E-24	4.E-10	2.E-25	5.E-11	2.E-25	6.E-11	2.E-24	7.E-10	0.	0.	6.E-26	2.E-11	0.	0.
Ba137m	5.E-10	4.E+01	1.E-10	1.E+01	7.E-10	5.E+01	4.E-09	3.E+02	1.E-23	9.E-13	1.E-08	7.E+02	1.E-23	9.E-13
Bi210	2.E-19	4.E-12	3.E-21	7.E-14	1.E-20	3.E-13	1.E-19	3.E-12	6.E-37	2.E-29	9.E-23	2.E-15	5.E-37	1.E-29
Bi211	3.E-16	2.E-05	4.E-18	4.E-07	2.E-17	2.E-06	8.E-17	7.E-06	3.E-33	2.E-22	1.E-18	9.E-08	2.E-33	2.E-22
Bi213	9.E-20	4.E-10	1.E-20	5.E-11	1.E-20	6.E-11	2.E-19	7.E-10	6.E-36	2.E-26	5.E-21	2.E-11	3.E-36	1.E-26
Bi214	2.E-21	2.E-11	3.E-23	3.E-13	1.E-22	1.E-12	1.E-21	1.E-11	4.E-39	4.E-29	5.E-25	5.E-15	2.E-39	2.E-29
C14	1.E+00	7.E+01	2.E-02	1.E+00	1.E-01	7.E+00	3.E-03	2.E-01	3.E-18	2.E-16	2.E-03	1.E-01	2.E-18	1.E-16
Cm242	2.E-07	1.E-01	3.E-09	2.E-03	2.E-08	1.E-02	3.E-13	3.E-07	3.E-29	2.E-23	6.E-14	5.E-08	1.E-29	1.E-23
Cm244	3.E-05	6.E-01	5.E-07	1.E-02	3.E-06	6.E-02	9.E-08	2.E-03	9.E-24	2.E-19	4.E-09	8.E-05	4.E-24	9.E-20
Cm245	7.E-07	3.E-05	1.E-08	5.E-07	6.E-08	3.E-06	1.E-09	6.E-08	4.E-26	2.E-24	5.E-11	2.E-09	2.E-26	1.E-24
Cs135	9.E-01	1.E-01	1.E-02	2.E-03	4.E-02	7.E-03	6.E-01	9.E-02	5.E-17	7.E-18	3.E-02	4.E-03	2.E-17	4.E-18
Cs137	3.E+00	3.E+04	5.E-02	5.E+02	2.E-01	3.E+03	1.E+00	1.E+04	8.E-17	1.E-12	6.E-02	8.E+02	8.E-17	1.E-12
Fr221	9.E-21	4.E-10	1.E-21	5.E-11	1.E-21	6.E-11	2.E-20	7.E-10	6.E-37	2.E-26	5.E-22	2.E-11	3.E-37	1.E-26
Fr223	4.E-17	3.E-07	6.E-19	5.E-09	3.E-18	2.E-08	1.E-17	1.E-07	4.E-34	3.E-24	1.E-19	1.E-09	3.E-34	3.E-24
I129	5.E+00	1.E-01	9.E-02	2.E-03	5.E-01	1.E-02	2.E-01	5.E-03	2.E-17	5.E-19	1.E-02	3.E-04	1.E-17	3.E-19
Nb93m	6.E-05	2.E+00	1.E-06	3.E-02	6.E-06	2.E-01	2.E-07	5.E-03	3.E-23	8.E-19	2.E-08	6.E-04	3.E-23	8.E-19
Ni63	1.E-01	5.E+02	3.E-03	1.E+01	2.E-02	6.E+01	9.E-04	3.E+00	7.E-19	3.E-15	5.E-04	2.E+00	4.E-19	1.E-15
Np237	5.E-01	8.E-02	8.E-03	1.E-03	4.E-02	6.E-03	8.E-02	1.E-02	1.E-17	2.E-18	4.E-03	6.E-04	6.E-18	1.E-18
Np239	1.E-09	8.E-02	3.E-11	1.E-03	1.E-10	8.E-03	2.E-14	1.E-06	1.E-31	8.E-24	2.E-16	1.E-08	8.E-32	4.E-24
Pa231	5.E-06	5.E-05	8.E-08	9.E-07	4.E-07	4.E-06	2.E-06	2.E-05	5.E-23	5.E-22	1.E-08	2.E-07	2.E-23	3.E-22
Pa233	2.E-08	8.E-02	3.E-10	1.E-03	1.E-09	6.E-03	3.E-09	1.E-02	4.E-25	2.E-18	1.E-10	7.E-04	2.E-25	1.E-18
Pa234m	7.E-21	1.E-09	3.E-14	5.E-03	6.E-28	9.E-17	4.E-12	7.E-01	9.E-32	2.E-20	5.E-25	8.E-14	5.E-32	8.E-21
Pb209	4.E-19	4.E-10	6.E-20	5.E-11	6.E-20	6.E-11	7.E-19	7.E-10	2.E-35	2.E-26	2.E-20	2.E-11	1.E-35	1.E-26
Pb210	2.E-16	4.E-12	4.E-18	6.E-14	2.E-17	3.E-13	1.E-16	2.E-12	1.E-33	2.E-29	1.E-19	2.E-15	8.E-34	1.E-29
Pb211	4.E-15	2.E-05	7.E-17	4.E-07	3.E-16	2.E-06	1.E-15	7.E-06	5.E-32	2.E-22	2.E-17	8.E-08	4.E-32	2.E-22
Pb214	2.E-21	2.E-11	4.E-23	3.E-13	2.E-22	1.E-12	1.E-21	1.E-11	5.E-39	4.E-29	7.E-25	5.E-15	3.E-39	2.E-29
Pd107	4.E+00	2.E-01	6.E-02	4.E-03	4.E-01	2.E-02	1.E-01	8.E-03	1.E-17	7.E-19	7.E-03	4.E-04	6.E-18	3.E-19
Po210	4.E-18	4.E-12	7.E-20	6.E-14	3.E-19	3.E-13	2.E-18	2.E-12	2.E-35	2.E-29	2.E-21	2.E-15	1.E-35	1.E-29
Po213	1.E-28	4.E-10	2.E-29	5.E-11	2.E-29	6.E-11	2.E-28	6.E-10	0.	0.	8.E-30	2.E-11	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-101 MOLES	TANK T-101 CURIES	TANK T-102 MOLES	TANK T-102 CURIES	TANK T-103 MOLES	TANK T-103 CURIES	TANK T-104 MOLES	TANK T-104 CURIES	TANK T-105 MOLES	TANK T-105 CURIES	TANK T-106 MOLES	TANK T-106 CURIES	TANK T-107 MOLES	TANK T-107 CURIES
Po214	3.E-28	2.E-11	5.E-30	3.E-13	3.E-29	2.E-12	2.E-28	1.E-11	0.	0.	8.E-32	6.E-15	0.	0.
Po215	3.E-21	2.E-05	6.E-23	4.E-07	3.E-22	2.E-06	1.E-21	7.E-06	4.E-38	2.E-22	1.E-23	9.E-08	3.E-38	2.E-22
Po218	3.E-22	2.E-11	5.E-24	3.E-13	2.E-23	1.E-12	2.E-22	1.E-11	0.	0.	7.E-26	5.E-15	0.	0.
Pu238	2.E-07	1.E-03	4.E-09	2.E-05	2.E-08	9.E-05	0.	0.	4.E-28	2.E-24	9.E-13	4.E-09	2.E-34	6.E-31
Pu239	2.E-07	2.E-06	3.E-09	5.E-08	2.E-08	2.E-07	0.	0.	8.E-29	1.E-27	2.E-13	3.E-12	3.E-35	4.E-34
Pu240	1.E-06	7.E-05	2.E-08	1.E-06	1.E-07	7.E-06	0.	0.	2.E-24	1.E-22	2.E-09	8.E-08	7.E-31	4.E-29
Pu241	1.E-10	3.E-06	6.E-12	1.E-07	2.E-11	4.E-07	0.	0.	2.E-29	4.E-25	3.E-14	6.E-10	6.E-36	2.E-31
Ra223	2.E-12	2.E-05	3.E-14	4.E-07	1.E-13	2.E-06	6.E-13	7.E-06	2.E-29	2.E-22	7.E-15	8.E-08	2.E-29	2.E-22
Ra225	4.E-17	4.E-10	6.E-18	5.E-11	7.E-18	6.E-11	8.E-17	7.E-10	3.E-33	2.E-26	2.E-18	2.E-11	2.E-33	1.E-26
Ra226	7.E-14	2.E-11	1.E-15	3.E-13	6.E-15	1.E-12	5.E-14	1.E-11	2.E-31	4.E-29	2.E-17	5.E-15	9.E-32	2.E-29
Ru106	4.E-08	1.E-02	7.E-10	2.E-04	4.E-09	1.E-03	1.E-12	5.E-07	4.E-25	1.E-19	2.E-12	9.E-07	4.E-25	1.E-19
Sb126	5.E-21	5.E-14	2.E-22	2.E-15	2.E-22	2.E-15	1.E-20	1.E-13	5.E-37	5.E-30	3.E-22	3.E-15	2.E-37	2.E-30
Sb126m	5.E-24	5.E-14	2.E-25	2.E-15	2.E-25	2.E-15	1.E-23	1.E-13	0.	0.	3.E-25	3.E-15	0.	0.
Se79	4.E-01	2.E+00	7.E-03	4.E-02	4.E-02	2.E-01	2.E-02	9.E-02	1.E-18	8.E-18	9.E-04	5.E-03	8.E-19	4.E-18
Sm151	3.E-08	1.E-04	6.E-10	3.E-06	2.E-09	7.E-06	9.E-08	3.E-04	3.E-24	1.E-20	2.E-09	8.E-06	1.E-24	5.E-21
Sn126	1.E-14	3.E-14	6.E-16	2.E-15	7.E-16	2.E-15	3.E-14	1.E-13	1.E-30	5.E-30	8.E-16	3.E-15	7.E-31	2.E-30
Sr90	3.E-01	3.E+03	4.E-03	5.E+01	3.E-02	3.E+02	4.E-01	5.E+03	1.E-18	2.E-14	2.E-02	3.E+02	3.E-19	4.E-15
Tc99	4.E+01	8.E+01	8.E-01	1.E+00	4.E+00	7.E+00	2.E+00	3.E+00	2.E-16	3.E-16	1.E-01	2.E-01	1.E-16	2.E-16
Th227	3.E-20	2.E-13	4.E-22	3.E-15	2.E-21	1.E-14	1.E-20	9.E-14	3.E-29	2.E-22	1.E-14	8.E-08	3.E-29	2.E-22
Th229	1.E-19	5.E-18	1.E-20	7.E-19	1.E-20	7.E-19	1.E-19	5.E-18	5.E-28	2.E-26	4.E-13	2.E-11	3.E-28	1.E-26
Th230	2.E-21	8.E-21	3.E-20	1.E-19	4.E-22	2.E-21	7.E-18	3.E-17	5.E-30	3.E-29	1.E-15	6.E-15	3.E-30	2.E-29
Th231	6.E-27	8.E-19	3.E-20	3.E-12	8.E-31	1.E-22	3.E-18	4.E-10	3.E-30	4.E-22	3.E-23	4.E-15	2.E-30	2.E-22
Th234	2.E-24	9.E-18	1.E-17	8.E-11	2.E-31	1.E-24	2.E-15	1.E-08	3.E-27	2.E-20	1.E-20	8.E-14	1.E-27	8.E-21
Tl207	6.E-16	2.E-05	1.E-17	4.E-07	4.E-17	2.E-06	2.E-16	7.E-06	6.E-33	2.E-22	2.E-18	8.E-08	5.E-33	2.E-22
U233	6.E-10	1.E-09	4.E-16	1.E-15	2.E-09	5.E-09	7.E-07	2.E-06	3.E-23	7.E-23	2.E-08	4.E-08	2.E-23	4.E-23
U234	3.E-11	4.E-11	2.E-15	3.E-15	1.E-10	2.E-10	4.E-05	5.E-05	4.E-25	6.E-25	6.E-11	9.E-11	2.E-25	3.E-25
U235	9.E-11	5.E-14	4.E-09	2.E-12	4.E-13	2.E-16	6.E+01	3.E-02	7.E-19	4.E-22	8.E-12	4.E-15	4.E-19	2.E-22
U238	1.E-08	9.E-13	1.E-06	8.E-11	3.E-14	2.E-18	9.E+03	7.E-01	2.E-16	2.E-20	1.E-09	8.E-14	1.E-16	8.E-21
Y90	8.E-06	4.E+02	9.E-07	4.E+01	1.E-06	7.E+01	3.E-05	1.E+03	3.E-22	2.E-14	6.E-06	3.E+02	8.E-23	4.E-15
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	6.E-06	0.	1.E-07	0.	6.E-07	0.	4.E-07	0.	2.E-23	0.	2.E-08	0.	2.E-23	0.
Al	2.E+05	0.	3.E+03	0.	3.E+04	0.	4.E+05	0.	3.E-12	0.	4.E+04	0.	2.E-13	0.
Ba	4.E-04	0.	3.E-04	0.	8.E-04	0.	4.E-03	0.	2.E-17	0.	3.E-02	0.	2.E-17	0.
Bi	3.E-14	0.	8.E-16	0.	4.E-16	0.	4.E-13	0.	4.E-31	0.	5.E-16	0.	2.E-31	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-101 MOLES	TANK T-101 CURIES	TANK T-102 MOLES	TANK T-102 CURIES	TANK T-103 MOLES	TANK T-103 CURIES	TANK T-104 MOLES	TANK T-104 CURIES	TANK T-105 MOLES	TANK T-105 CURIES	TANK T-106 MOLES	TANK T-106 CURIES	TANK T-107 MOLES	TANK T-107 CURIES
C6H5O7	4.E+04	0.	7.E+02	0.	4.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	2.E+05	0.	4.E+03	0.	4.E+03	0.	0.	0.	6.E-12	0.	4.E-12	0.	6.E-12	0.
Ca	1.E-03	0.	2.E-05	0.	1.E-04	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	3.E+01	0.	5.E-01	0.	1.E-02	0.	4.E+02	0.	4.E-16	0.	2.E+00	0.	2.E-16	0.
Cl	7.E-05	0.	1.E-06	0.	3.E-07	0.	0.	0.	3.E-21	0.	0.	0.	3.E-21	0.
Cr	2.E-13	0.	3.E-14	0.	1.E-14	0.	9.E-13	0.	1.E-30	0.	3.E-15	0.	7.E-31	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	8.E+04	0.	3.E+03	0.	6.E+02	0.	4.E+05	0.	1.E-11	0.	1.E+03	0.	1.E-11	0.
Fe	6.E+03	0.	1.E+02	0.	6.E+02	0.	0.	0.	2.E-37	0.	0.	0.	4.E-37	0.
Fe(CN)6	2.E-04	0.	4.E-04	0.	1.E-05	0.	0.	0.	1.E-14	0.	0.	0.	1.E-14	0.
HEDTA	7.E+00	0.	1.E-01	0.	7.E-01	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	3.E+04	0.	5.E+02	0.	8.E+01	0.	0.	0.	2.E-13	0.	0.	0.	2.E-13	0.
La	7.E-13	0.	1.E-14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	2.E+02	0.	4.E+00	0.	2.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	1.E+05	0.	2.E+03	0.	1.E+04	0.	3.E+05	0.	3.E-12	0.	4.E+04	0.	2.E-13	0.
NO3	2.E+06	0.	4.E+04	0.	2.E+05	0.	4.E+06	0.	1.E-11	0.	2.E+05	0.	6.E-12	0.
Na	3.E+06	0.	5.E+04	0.	2.E+05	0.	5.E+06	0.	3.E-01	0.	1.E+05	0.	7.E+01	0.
Ni	1.E+03	0.	3.E+01	0.	1.E+02	0.	0.	0.	3.E-18	0.	0.	0.	3.E-18	0.
OH	5.E+01	0.	6.E+00	0.	9.E+00	0.	2.E+02	0.	3.E-01	0.	2.E+02	0.	7.E+01	0.
PO4	3.E+04	0.	1.E+03	0.	2.E+02	0.	5.E+05	0.	3.E-12	0.	2.E+03	0.	2.E-12	0.
Pb	4.E-03	0.	7.E-05	0.	4.E-04	0.	1.E-10	0.	8.E-27	0.	2.E-12	0.	9.E-27	0.
SiO3	1.E+04	0.	2.E+02	0.	9.E+02	0.	6.E+04	0.	5.E-14	0.	8.E+02	0.	3.E-14	0.
SO4	7.E+04	0.	1.E+03	0.	1.E+03	0.	1.E+05	0.	3.E-12	0.	4.E+02	0.	2.E-12	0.
Sr	1.E-02	0.	3.E-04	0.	1.E-03	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	0.	0.	0.	0.	0.	0.	0.	0.	2.E-19	0.	5.E-03	0.	4.E-28	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK T-108 MOLES	TANK T-108 CURIES	TANK T-109 MOLES	TANK T-109 CURIES	TANK T-110 MOLES	TANK T-110 CURIES	TANK T-111 MOLES	TANK T-111 CURIES	TANK T-112 MOLES	TANK T-112 CURIES	TANK T-201 MOLES	TANK T-201 CURIES	TANK T-202 MOLES	TANK T-202 CURIES
Ac225	3.E-18	4.E-11	4.E-18	5.E-11	1.E-27	2.E-20	0.	0.	0.	0.	0.	0.	0.	0.
Ac227	2.E-11	3.E-07	5.E-10	8.E-06	9.E-21	2.E-16	0.	0.	2.E-38	3.E-34	0.	0.	0.	0.
Am241	5.E-08	4.E-05	3.E-07	2.E-04	5.E-17	5.E-14	0.	0.	2.E-38	2.E-35	0.	0.	0.	0.
Am242	1.E-16	2.E-08	7.E-17	1.E-08	5.E-27	1.E-18	0.	0.	0.	0.	0.	0.	0.	0.
Am242m	9.E-12	2.E-08	6.E-12	1.E-08	4.E-22	1.E-18	0.	0.	0.	0.	0.	0.	0.	0.
Am243	2.E-10	9.E-09	2.E-10	1.E-08	1.E-19	5.E-18	0.	0.	0.	0.	0.	0.	0.	0.
At217	1.E-25	4.E-11	1.E-25	5.E-11	4.E-35	2.E-20	0.	0.	0.	0.	0.	0.	0.	0.
Ba137m	9.E-10	7.E+01	6.E-10	4.E+01	4.E-18	3.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Bi210	6.E-22	2.E-14	1.E-20	3.E-13	2.E-30	6.E-23	0.	0.	0.	0.	0.	0.	0.	0.
Bi211	3.E-18	3.E-07	9.E-17	8.E-06	2.E-27	2.E-16	0.	0.	0.	0.	0.	0.	0.	0.
Bi213	1.E-20	5.E-11	1.E-20	5.E-11	4.E-30	2.E-20	0.	0.	0.	0.	0.	0.	0.	0.
Bi214	5.E-24	5.E-14	5.E-23	5.E-13	2.E-32	2.E-22	0.	0.	0.	0.	0.	0.	0.	0.
C14	2.E-03	1.E-01	2.E-03	1.E-01	3.E-14	2.E-12	0.	0.	6.E-39	4.E-37	0.	0.	0.	0.
Cm242	2.E-14	2.E-08	1.E-14	1.E-08	1.E-24	8.E-19	0.	0.	0.	0.	0.	0.	0.	0.
Cm244	7.E-09	1.E-04	1.E-09	2.E-05	4.E-20	8.E-16	0.	0.	7.E-38	1.E-33	0.	0.	0.	0.
Cm245	5.E-11	2.E-09	7.E-12	3.E-10	8.E-22	4.E-20	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	4.E-02	7.E-03	6.E-01	1.E-01	1.E-11	2.E-12	0.	0.	8.E-37	1.E-37	0.	0.	0.	0.
Cs137	1.E-01	2.E+03	6.E-01	7.E+03	2.E-11	3.E-07	0.	0.	1.E-35	1.E-31	0.	0.	0.	0.
Fr221	1.E-21	4.E-11	1.E-21	5.E-11	4.E-31	2.E-20	0.	0.	0.	0.	0.	0.	0.	0.
Fr223	5.E-19	4.E-09	1.E-17	1.E-07	3.E-28	2.E-18	0.	0.	0.	0.	0.	0.	0.	0.
I129	2.E-02	5.E-04	1.E-01	3.E-03	4.E-12	8.E-14	0.	0.	4.E-37	9.E-39	0.	0.	0.	0.
Nb93m	5.E-08	1.E-03	7.E-07	2.E-02	5.E-18	1.E-13	0.	0.	0.	0.	0.	0.	0.	0.
Ni63	8.E-04	3.E+00	6.E-03	2.E+01	1.E-14	5.E-11	0.	0.	0.	0.	0.	0.	0.	0.
Np237	1.E-02	2.E-03	4.E-02	7.E-03	4.E-12	6.E-13	0.	0.	0.	0.	0.	0.	0.	0.
Np239	1.E-16	8.E-09	2.E-16	1.E-08	9.E-26	5.E-18	0.	0.	0.	0.	0.	0.	0.	0.
Pa231	6.E-08	6.E-07	1.E-06	1.E-05	3.E-17	3.E-16	0.	0.	0.	0.	0.	0.	0.	0.
Pa233	4.E-10	2.E-03	1.E-09	7.E-03	1.E-19	6.E-13	0.	0.	0.	0.	0.	0.	0.	0.
Pa234m	5.E-14	8.E-03	3.E-36	5.E-25	3.E-23	5.E-12	0.	0.	0.	0.	0.	0.	0.	0.
Pb209	5.E-20	4.E-11	5.E-20	5.E-11	2.E-29	2.E-20	0.	0.	0.	0.	0.	0.	0.	0.
Pb210	9.E-19	1.E-14	2.E-17	3.E-13	4.E-27	6.E-23	0.	0.	2.E-39	4.E-35	0.	0.	0.	0.
Pb211	6.E-17	3.E-07	2.E-15	8.E-06	3.E-26	2.E-16	0.	0.	0.	0.	0.	0.	0.	0.
Pb214	7.E-24	5.E-14	7.E-23	5.E-13	3.E-32	2.E-22	0.	0.	0.	0.	0.	0.	0.	0.
Pd107	1.E-02	7.E-04	5.E-02	3.E-03	2.E-12	1.E-13	0.	0.	2.E-37	1.E-38	0.	0.	0.	0.
Po210	2.E-20	1.E-14	3.E-19	3.E-13	6.E-29	6.E-23	0.	0.	0.	0.	0.	0.	0.	0.
Po213	2.E-29	4.E-11	2.E-29	5.E-11	5.E-39	1.E-20	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-108 MOLES	TANK T-108 CURIES	TANK T-109 MOLES	TANK T-109 CURIES	TANK T-110 MOLES	TANK T-110 CURIES	TANK T-111 MOLES	TANK T-111 CURIES	TANK T-112 MOLES	TANK T-112 CURIES	TANK T-201 MOLES	TANK T-201 CURIES	TANK T-202 MOLES	TANK T-202 CURIES
Po214	9.E-31	6.E-14	9.E-30	6.E-13	4.E-39	3.E-22	0.	0.	0.	0.	0.	0.	0.	0.
Po215	5.E-23	3.E-07	1.E-21	8.E-06	2.E-32	2.E-16	0.	0.	0.	0.	0.	0.	0.	0.
Po218	8.E-25	5.E-14	8.E-24	5.E-13	4.E-33	2.E-22	0.	0.	0.	0.	0.	0.	0.	0.
Pu238	0.	0.	0.	0.	2.E-23	9.E-20	0.	0.	6.E-38	3.E-34	0.	0.	0.	0.
Pu239	0.	0.	0.	0.	7.E-23	1.E-21	0.	0.	0.	0.	0.	0.	0.	0.
Pu240	0.	0.	0.	0.	1.E-20	7.E-19	0.	0.	0.	0.	0.	0.	0.	0.
Pu241	0.	0.	0.	0.	4.E-25	1.E-20	0.	0.	1.E-37	3.E-33	0.	0.	0.	0.
Ra223	3.E-14	3.E-07	7.E-13	8.E-06	1.E-23	2.E-16	0.	0.	0.	0.	0.	0.	0.	0.
Ra225	5.E-18	5.E-11	5.E-18	5.E-11	2.E-27	2.E-20	0.	0.	0.	0.	0.	0.	0.	0.
Ra226	2.E-16	5.E-14	2.E-15	5.E-13	1.E-24	2.E-22	0.	0.	0.	0.	0.	0.	0.	0.
Ru106	5.E-10	2.E-04	5.E-11	2.E-05	1.E-22	4.E-17	0.	0.	0.	0.	0.	0.	0.	0.
Sb126	4.E-22	4.E-15	2.E-21	2.E-14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sb126m	4.E-25	4.E-15	2.E-24	2.E-14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Se79	2.E-03	9.E-03	1.E-02	5.E-02	5.E-13	3.E-12	0.	0.	5.E-38	3.E-37	0.	0.	0.	0.
Sm151	3.E-09	1.E-05	2.E-08	6.E-05	3.E-18	1.E-14	0.	0.	0.	0.	0.	0.	0.	0.
Sn126	1.E-15	4.E-15	6.E-15	2.E-14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sr90	7.E-04	8.E+00	7.E-03	9.E+01	6.E-12	7.E-08	0.	0.	1.E-36	2.E-32	0.	0.	0.	0.
Tc99	2.E-01	3.E-01	1.E+00	2.E+00	6.E-11	1.E-10	0.	0.	3.E-36	5.E-36	0.	0.	0.	0.
Th227	4.E-22	3.E-15	1.E-20	9.E-14	2.E-23	1.E-16	0.	0.	0.	0.	0.	0.	0.	0.
Th229	1.E-20	7.E-19	1.E-20	7.E-19	3.E-22	2.E-20	0.	0.	3.E-39	1.E-37	0.	0.	0.	0.
Th230	3.E-20	1.E-19	4.E-28	2.E-27	5.E-21	2.E-20	0.	0.	0.	0.	0.	0.	0.	0.
Th231	3.E-20	3.E-12	4.E-37	5.E-29	2.E-21	2.E-13	0.	0.	0.	0.	0.	0.	0.	0.
Th234	1.E-17	8.E-11	0.	0.	9.E-19	5.E-12	0.	0.	0.	0.	0.	0.	0.	0.
Tl207	8.E-18	3.E-07	2.E-16	8.E-06	4.E-27	2.E-16	0.	0.	0.	0.	0.	0.	0.	0.
U233	4.E-08	9.E-08	1.E-08	3.E-08	2.E-17	3.E-17	0.	0.	0.	0.	0.	0.	0.	0.
U234	2.E-07	3.E-07	9.E-16	1.E-15	3.E-16	4.E-16	0.	0.	0.	0.	0.	0.	0.	0.
U235	6.E-01	3.E-04	1.E-18	7.E-22	5.E-10	2.E-13	0.	0.	0.	0.	0.	0.	0.	0.
U238	8.E+01	7.E-03	1.E-21	9.E-26	6.E-08	5.E-12	0.	0.	0.	0.	0.	0.	0.	0.
Y90	2.E-07	8.E+00	2.E-06	9.E+01	2.E-15	8.E-08	0.	0.	0.	0.	0.	0.	0.	0.
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	2.E-08	0.	2.E-07	0.	2.E-17	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	4.E+02	0.	2.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ba	1.E-03	0.	5.E-04	0.	4.E-12	0.	0.	0.	5.E-36	0.	0.	0.	0.	0.
Bi	5.E-16	0.	7.E-15	0.	5.E-25	0.	6.E-39	0.	1.E-38	0.	0.	0.	0.	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-108 MOLES	TANK T-108 CURIES	TANK T-109 MOLES	TANK T-109 CURIES	TANK T-110 MOLES	TANK T-110 CURIES	TANK T-111 MOLES	TANK T-111 CURIES	TANK T-112 MOLES	TANK T-112 CURIES	TANK T-201 MOLES	TANK T-201 CURIES	TANK T-202 MOLES	TANK T-202 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	1.E+04	0.	3.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ca	6.E-33	0.	6.E-34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	5.E-01	0.	2.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	4.E-06	0.	1.E-04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	1.E-15	0.	3.E-14	0.	0.	0.	0.	0.	1.E-38	0.	0.	0.	4.E-14	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	3.E+04	0.	1.E+04	0.	2.E-06	0.	0.	0.	5.E-29	0.	0.	0.	2.E+04	0.
Fe	3.E-22	0.	3.E-21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe(CN)6	3.E+01	0.	3.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	3.E+02	0.	3.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+04	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-13	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E+00	0.
NO2	3.E+02	0.	2.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	2.E+04	0.	3.E+05	0.	2.E-04	0.	0.	0.	4.E-28	0.	0.	0.	1.E+05	0.
Na	9.E+04	0.	1.E+06	0.	5.E-04	0.	0.	0.	5.E-07	0.	1.E+01	0.	2.E+05	0.
Ni	6.E-03	0.	6.E-04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OH	2.E+01	0.	6.E+01	0.	4.E-09	0.	0.	0.	5.E-07	0.	1.E+01	0.	4.E+04	0.
PO4	3.E+03	0.	5.E+04	0.	7.E-09	0.	0.	0.	1.E-28	0.	0.	0.	3.E+03	0.
Pb	9.E-12	0.	3.E-10	0.	3.E-21	0.	3.E-39	0.	5.E-38	0.	0.	0.	0.	0.
SiO3	7.E+01	0.	4.E+03	0.	2.E-05	0.	0.	0.	6.E-30	0.	0.	0.	0.	0.
SO4	3.E+03	0.	8.E+04	0.	3.E-05	0.	0.	0.	1.E-29	0.	0.	0.	3.E+02	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	0.	0.	0.	0.	1.E-12	0.	0.	0.	3.E-37	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK T-203		TANK T-204		TANK TX-101		TANK TX-102		TANK TX-103		TANK TX-104		TANK TX-105	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	0.	0.	0.	0.	3.E-26	4.E-19	1.E-17	1.E-10	2.E-19	2.E-12	3.E-24	4.E-17	3.E-16	4.E-09
Ac227	0.	0.	0.	0.	9.E-19	2.E-14	1.E-10	2.E-06	3.E-10	5.E-06	4.E-17	6.E-13	1.E-09	2.E-05
Am241	0.	0.	0.	0.	6.E-11	5.E-08	5.E-07	4.E-04	1.E-04	1.E-01	1.E-13	9.E-11	4.E-06	3.E-03
Am242	0.	0.	0.	0.	7.E-19	1.E-10	1.E-16	2.E-08	1.E-12	2.E-04	4.E-23	8.E-15	2.E-15	5.E-07
Am242m	0.	0.	0.	0.	6.E-14	1.E-10	9.E-12	2.E-08	9.E-08	2.E-04	3.E-18	8.E-15	2.E-10	5.E-07
Am243	0.	0.	0.	0.	9.E-13	4.E-11	1.E-10	7.E-09	2.E-06	1.E-04	3.E-17	1.E-15	3.E-09	2.E-07
At217	0.	0.	0.	0.	1.E-33	4.E-19	4.E-25	1.E-10	6.E-27	2.E-12	1.E-31	4.E-17	1.E-23	4.E-09
Ba137m	0.	0.	0.	0.	1.E-15	8.E-05	3.E-08	2.E+03	2.E-08	1.E+03	8.E-15	6.E-04	9.E-09	6.E+02
Bi210	0.	0.	0.	0.	8.E-29	2.E-21	2.E-21	5.E-14	4.E-21	1.E-13	5.E-28	1.E-20	1.E-20	3.E-13
Bi211	0.	0.	0.	0.	2.E-25	2.E-14	2.E-17	2.E-06	5.E-17	5.E-06	7.E-24	6.E-13	2.E-16	2.E-05
Bi213	0.	0.	0.	0.	1.E-28	4.E-19	3.E-20	1.E-10	5.E-22	2.E-12	9.E-27	4.E-17	9.E-19	4.E-09
Bi214	0.	0.	0.	0.	1.E-30	1.E-20	2.E-23	2.E-13	2.E-23	2.E-13	5.E-30	5.E-20	1.E-22	1.E-12
C14	0.	0.	0.	0.	5.E-10	3.E-08	4.E-02	3.E+00	1.E-02	8.E-01	7.E-09	5.E-07	4.E-01	3.E+01
Cm242	0.	0.	0.	0.	1.E-16	1.E-10	2.E-14	2.E-08	2.E-10	2.E-04	8.E-21	7.E-15	5.E-13	4.E-07
Cm244	0.	0.	0.	0.	1.E-14	3.E-10	4.E-07	7.E-03	8.E-08	2.E-03	9.E-14	2.E-09	4.E-06	7.E-02
Cm245	0.	0.	0.	0.	4.E-16	2.E-14	3.E-09	1.E-07	1.E-09	6.E-08	4.E-16	2.E-14	3.E-08	1.E-06
Cs135	0.	0.	0.	0.	4.E-09	6.E-10	5.E-02	7.E-03	3.E-01	4.E-02	1.E-08	2.E-09	5.E-01	7.E-02
Cs137	0.	0.	0.	0.	7.E-09	9.E-05	2.E-01	3.E+03	3.E-01	4.E+03	5.E-08	6.E-04	2.E+00	3.E+04
Fr221	0.	0.	0.	0.	1.E-29	4.E-19	3.E-21	1.E-10	6.E-23	2.E-12	1.E-27	4.E-17	1.E-19	4.E-09
Fr223	0.	0.	0.	0.	3.E-26	2.E-16	3.E-18	3.E-08	8.E-18	7.E-08	1.E-24	9.E-15	3.E-17	3.E-07
I129	0.	0.	0.	0.	4.E-09	9.E-11	7.E-01	2.E-02	1.E-01	2.E-03	1.E-07	3.E-09	6.E+00	1.E-01
Nb93m	0.	0.	0.	0.	5.E-14	1.E-09	8.E-06	2.E-01	7.E-07	2.E-02	1.E-12	3.E-08	7.E-05	2.E+00
Ni63	0.	0.	0.	0.	2.E-13	9.E-10	2.E-06	6.E-03	1.E-04	4.E-01	1.E-10	4.E-07	9.E-04	4.E+00
Np237	0.	0.	0.	0.	5.E-10	8.E-11	1.E-01	2.E-02	3.E-02	4.E-03	3.E-08	5.E-09	1.E+00	2.E-01
Np239	0.	0.	0.	0.	8.E-19	4.E-11	1.E-16	7.E-09	2.E-12	1.E-04	2.E-23	1.E-15	3.E-15	2.E-07
Pa231	0.	0.	0.	0.	4.E-15	4.E-14	4.E-07	4.E-06	7.E-07	8.E-06	1.E-13	1.E-12	4.E-06	4.E-05
Pa233	0.	0.	0.	0.	2.E-17	8.E-11	5.E-09	2.E-02	9.E-10	4.E-03	1.E-15	5.E-09	5.E-08	2.E-01
Pa234m	0.	0.	0.	0.	1.E-35	2.E-24	2.E-33	3.E-22	1.E-25	2.E-14	7.E-36	1.E-24	6.E-24	1.E-12
Pb209	0.	0.	0.	0.	4.E-28	4.E-19	1.E-19	1.E-10	2.E-21	2.E-12	4.E-26	4.E-17	5.E-18	4.E-09
Pb210	0.	0.	0.	0.	1.E-25	2.E-21	3.E-18	5.E-14	6.E-18	9.E-14	8.E-25	1.E-20	2.E-17	4.E-13
Pb211	0.	0.	0.	0.	3.E-24	2.E-14	4.E-16	2.E-06	9.E-16	5.E-06	1.E-22	6.E-13	4.E-15	2.E-05
Pb214	0.	0.	0.	0.	2.E-30	1.E-20	2.E-23	2.E-13	3.E-23	2.E-13	7.E-30	5.E-20	2.E-22	2.E-12
Pd107	0.	0.	0.	0.	4.E-09	2.E-10	5.E-01	3.E-02	6.E-02	3.E-03	1.E-07	7.E-09	5.E+00	3.E-01
Po210	0.	0.	0.	0.	2.E-27	2.E-21	5.E-20	5.E-14	1.E-19	9.E-14	1.E-26	1.E-20	4.E-19	4.E-13
Po213	0.	0.	0.	0.	1.E-37	4.E-19	5.E-29	1.E-10	8.E-31	2.E-12	1.E-35	4.E-17	2.E-27	4.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-203 MOLES	TANK T-203 CURIES	TANK T-204 MOLES	TANK T-204 CURIES	TANK TX-101 MOLES	TANK TX-101 CURIES	TANK TX-102 MOLES	TANK TX-102 CURIES	TANK TX-103 MOLES	TANK TX-103 CURIES	TANK TX-104 MOLES	TANK TX-104 CURIES	TANK TX-105 MOLES	TANK TX-105 CURIES
Po214	0.	0.	0.	0.	2.E-37	1.E-20	3.E-30	2.E-13	4.E-30	3.E-13	8.E-37	6.E-20	3.E-29	2.E-12
Po215	0.	0.	0.	0.	2.E-30	2.E-14	3.E-22	2.E-06	7.E-22	5.E-06	1.E-28	6.E-13	3.E-21	2.E-05
Po218	0.	0.	0.	0.	2.E-31	1.E-20	3.E-24	2.E-13	4.E-24	2.E-13	8.E-31	5.E-20	3.E-23	2.E-12
Pu238	0.	0.	0.	0.	6.E-16	2.E-12	2.E-10	9.E-07	2.E-09	7.E-06	5.E-17	2.E-13	9.E-08	4.E-04
Pu239	0.	0.	0.	0.	2.E-16	3.E-15	8.E-10	1.E-08	2.E-08	3.E-07	2.E-16	3.E-15	2.E-05	4.E-04
Pu240	0.	0.	0.	0.	2.E-15	9.E-14	4.E-08	2.E-06	2.E-08	1.E-06	9.E-15	5.E-13	4.E-06	2.E-04
Pu241	0.	0.	0.	0.	3.E-19	6.E-15	5.E-12	1.E-07	8.E-11	2.E-06	1.E-18	3.E-14	2.E-07	5.E-03
Ra223	0.	0.	0.	0.	1.E-21	2.E-14	2.E-13	2.E-06	4.E-13	5.E-06	5.E-20	6.E-13	2.E-12	2.E-05
Ra225	0.	0.	0.	0.	5.E-26	4.E-19	1.E-17	1.E-10	3.E-19	2.E-12	4.E-24	4.E-17	5.E-16	4.E-09
Ra226	0.	0.	0.	0.	5.E-23	1.E-20	8.E-16	2.E-13	1.E-15	2.E-13	2.E-22	5.E-20	7.E-15	2.E-12
Ru106	0.	0.	0.	0.	2.E-17	7.E-12	2.E-10	7.E-05	2.E-10	7.E-05	5.E-17	2.E-11	9.E-08	3.E-02
Sb126	0.	0.	0.	0.	5.E-18	5.E-11	3.E-23	3.E-16	6.E-22	7.E-15	2.E-29	2.E-22	6.E-21	7.E-14
Sb126m	0.	0.	0.	0.	5.E-21	5.E-11	3.E-26	3.E-16	7.E-25	7.E-15	2.E-32	2.E-22	7.E-24	7.E-14
Se79	0.	0.	0.	0.	5.E-10	3.E-09	5.E-02	3.E-01	8.E-03	4.E-02	7.E-09	4.E-08	5.E-01	3.E+00
Sm151	0.	0.	0.	0.	1.E-11	6.E-08	2.E-10	8.E-07	5.E-09	2.E-05	2.E-16	8.E-13	3.E-08	1.E-04
Sn126	0.	0.	0.	0.	1.E-11	5.E-11	7.E-17	3.E-16	2.E-15	6.E-15	5.E-23	2.E-22	2.E-14	6.E-14
Sr90	0.	0.	0.	0.	2.E-09	2.E-05	3.E-02	4.E+02	7.E-02	9.E+02	6.E-09	8.E-05	3.E-01	4.E+03
Tc99	0.	0.	0.	0.	6.E-08	1.E-07	6.E+00	1.E+01	9.E-01	2.E+00	1.E-06	2.E-06	6.E+01	1.E+02
Th227	0.	0.	0.	0.	2.E-21	1.E-14	3.E-21	2.E-14	7.E-21	5.E-14	2.E-24	2.E-17	3.E-20	2.E-13
Th229	0.	0.	0.	0.	8.E-21	4.E-19	3.E-20	1.E-18	4.E-22	2.E-20	2.E-23	1.E-21	9.E-19	4.E-17
Th230	0.	0.	0.	0.	3.E-20	1.E-19	2.E-24	8.E-24	4.E-25	2.E-24	3.E-27	1.E-26	8.E-22	4.E-21
Th231	0.	0.	0.	0.	4.E-32	5.E-24	1.E-32	2.E-24	2.E-31	2.E-23	2.E-35	2.E-27	4.E-28	5.E-20
Th234	0.	0.	0.	0.	4.E-31	2.E-24	8.E-37	4.E-30	5.E-29	3.E-22	8.E-36	3.E-29	2.E-27	9.E-21
Tl207	0.	0.	0.	0.	4.E-25	2.E-14	5.E-17	2.E-06	1.E-16	5.E-06	2.E-23	6.E-13	5.E-16	2.E-05
U233	0.	0.	0.	0.	3.E-16	8.E-16	3.E-08	7.E-08	2.E-08	4.E-08	6.E-14	1.E-13	5.E-08	1.E-07
U234	0.	0.	0.	0.	7.E-18	1.E-17	4.E-12	5.E-12	2.E-11	3.E-11	1.E-17	2.E-17	1.E-10	1.E-10
U235	0.	0.	0.	0.	1.E-20	5.E-24	5.E-14	2.E-17	3.E-12	2.E-15	2.E-19	8.E-23	9.E-11	5.E-14
U238	0.	0.	0.	0.	3.E-20	2.E-24	4.E-19	4.E-23	3.E-10	2.E-14	1.E-20	1.E-24	2.E-10	1.E-14
Y90	0.	0.	0.	0.	5.E-13	2.E-05	8.E-06	4.E+02	1.E-05	6.E+02	2.E-12	8.E-05	3.E-05	2.E+03
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	0.	0.	0.	0.	4.E-15	0.	1.E-06	0.	1.E-07	0.	2.E-13	0.	9.E-06	0.
Al	0.	0.	0.	0.	5.E-04	0.	2.E-03	0.	1.E+04	0.	5.E-04	0.	6.E+05	0.
Ba	0.	0.	0.	0.	3.E-10	0.	3.E-02	0.	4.E-03	0.	8.E-09	0.	2.E-02	0.
Bi	2.E-25	0.	0.	0.	3.E-24	0.	4.E-16	0.	2.E-15	0.	3.E-22	0.	2.E-14	0.
C2H3O3	0.	0.	0.	0.	6.E-08	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-203 MOLES	TANK T-203 CURIES	TANK T-204 MOLES	TANK T-204 CURIES	TANK TX-101 MOLES	TANK TX-101 CURIES	TANK TX-102 MOLES	TANK TX-102 CURIES	TANK TX-103 MOLES	TANK TX-103 CURIES	TANK TX-104 MOLES	TANK TX-104 CURIES	TANK TX-105 MOLES	TANK TX-105 CURIES
C6H5O7	0.	0.	0.	0.	3.E-05	0.	9.E+02	0.	9.E+02	0.	1.E-04	0.	6.E+05	0.
CO3	0.	0.	0.	0.	3.E-05	0.	6.E+03	0.	8.E+04	0.	2.E-03	0.	3.E+05	0.
Ca	0.	0.	0.	0.	9.E-13	0.	4.E-06	0.	2.E-07	0.	9.E-13	0.	4.E-03	0.
Ce	0.	0.	0.	0.	1.E-08	0.	2.E-01	0.	2.E+00	0.	2.E-07	0.	2.E+00	0.
Cl	0.	0.	0.	0.	7.E-15	0.	3.E-07	0.	3.E-05	0.	5.E-13	0.	6.E-06	0.
Cr	7.E-14	0.	0.	0.	6.E-11	0.	9.E-16	0.	3.E-15	0.	4.E-22	0.	5.E-13	0.
EDTA	0.	0.	0.	0.	6.E-08	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	5.E+04	0.	0.	0.	4.E-06	0.	2.E+02	0.	1.E+03	0.	5.E-04	0.	3.E+03	0.
Fe	0.	0.	0.	0.	8.E-06	0.	1.E+02	0.	2.E+02	0.	3.E-05	0.	1.E+05	0.
Fe(CN)6	0.	0.	0.	0.	2.E-10	0.	9.E-02	0.	6.E-06	0.	1.E-08	0.	4.E-05	0.
HEDTA	0.	0.	0.	0.	1.E-07	0.	1.E+00	0.	5.E-02	0.	2.E-07	0.	1.E+01	0.
K	4.E+04	0.	0.	0.	8.E-06	0.	5.E+01	0.	1.E+01	0.	8.E-06	0.	1.E+03	0.
La	4.E-13	0.	0.	0.	0.	0.	0.	0.	1.E-24	0.	0.	0.	0.	0.
Mn	7.E+00	0.	0.	0.	1.E-07	0.	3.E+00	0.	3.E+00	0.	5.E-07	0.	2.E+03	0.
NO2	0.	0.	0.	0.	1.E-04	0.	5.E+03	0.	7.E+03	0.	1.E-03	0.	2.E+05	0.
NO3	2.E+05	0.	0.	0.	1.E-03	0.	2.E+04	0.	9.E+04	0.	8.E-03	0.	5.E+08	0.
Na	3.E+05	0.	2.E+01	0.	1.E-03	0.	5.E+04	0.	2.E+05	0.	3.E+01	0.	6.E+06	0.
Ni	0.	0.	0.	0.	2.E-10	0.	6.E-09	0.	2.E-01	0.	9.E-16	0.	6.E+03	0.
OH	9.E+04	0.	2.E+01	0.	1.E-06	0.	1.E+02	0.	8.E+01	0.	3.E+01	0.	2.E+02	0.
PO4	6.E+03	0.	0.	0.	4.E-06	0.	8.E+00	0.	1.E+04	0.	2.E-04	0.	2.E+03	0.
Pb	0.	0.	0.	0.	7.E-12	0.	3.E-11	0.	3.E-05	0.	1.E-17	0.	2.E-02	0.
SiO3	0.	0.	0.	0.	4.E-06	0.	1.E+02	0.	5.E+02	0.	3.E-05	0.	1.E+04	0.
SO4	7.E+02	0.	0.	0.	3.E-05	0.	4.E+03	0.	2.E+04	0.	1.E-03	0.	4.E+04	0.
Sr	0.	0.	0.	0.	2.E-09	0.	1.E-07	0.	7.E-04	0.	3.E-14	0.	1.E-06	0.
ZrO	0.	0.	0.	0.	7.E-11	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK TX-106 MOLES	TANK TX-106 CURIES	TANK TX-107 MOLES	TANK TX-107 CURIES	TANK TX-108 MOLES	TANK TX-108 CURIES	TANK TX-109 MOLES	TANK TX-109 CURIES	TANK TX-110 MOLES	TANK TX-110 CURIES	TANK TX-111 MOLES	TANK TX-111 CURIES	TANK TX-112 MOLES	TANK TX-112 CURIES
Ac225	6.E-17	7.E-10	1.E-24	1.E-17	3.E-17	4.E-10	1.E-15	2.E-08	1.E-16	2.E-09	1.E-16	2.E-09	9.E-16	1.E-08
Ac227	1.E-10	2.E-06	6.E-17	1.E-12	2.E-09	3.E-05	2.E-08	4.E-04	1.E-08	2.E-04	4.E-09	6.E-05	5.E-09	8.E-05
Am241	8.E-08	6.E-05	8.E-10	6.E-07	5.E-07	4.E-04	1.E-01	1.E+02	5.E-02	5.E+01	6.E-03	5.E+00	3.E-04	3.E-01
Am242	9.E-16	2.E-07	6.E-20	1.E-11	1.E-15	2.E-07	1.E-09	2.E-01	4.E-10	9.E-02	4.E-11	9.E-03	3.E-12	5.E-04
Am242m	7.E-11	2.E-07	5.E-15	1.E-11	1.E-10	2.E-07	9.E-05	2.E-01	4.E-05	9.E-02	4.E-06	9.E-03	2.E-07	5.E-04
Am243	6.E-10	3.E-08	6.E-12	3.E-10	4.E-09	2.E-07	2.E-03	1.E-01	1.E-03	5.E-02	1.E-04	5.E-03	6.E-06	3.E-04
At217	2.E-24	7.E-10	4.E-32	1.E-17	1.E-24	4.E-10	5.E-23	2.E-08	5.E-24	2.E-09	5.E-24	2.E-09	3.E-23	1.E-08
Ba137m	5.E-08	3.E+03	2.E-14	1.E-03	1.E-10	8.E+00	2.E-10	1.E+01	1.E-09	8.E+01	4.E-10	3.E+01	2.E-10	1.E+01
Bi210	8.E-22	2.E-14	2.E-26	6.E-19	2.E-20	5.E-13	1.E-19	3.E-12	9.E-20	2.E-12	9.E-20	2.E-12	4.E-25	1.E-17
Bi211	3.E-17	2.E-06	1.E-23	1.E-12	3.E-16	3.E-05	8.E-16	7.E-05	5.E-16	5.E-05	7.E-16	6.E-05	4.E-21	4.E-10
Bi213	2.E-19	8.E-10	4.E-27	1.E-17	1.E-19	4.E-10	8.E-19	3.E-09	1.E-19	5.E-10	4.E-19	2.E-09	1.E-23	6.E-14
Bi214	5.E-24	5.E-14	2.E-28	2.E-18	9.E-23	9.E-13	2.E-21	2.E-11	1.E-21	1.E-11	8.E-22	7.E-12	2.E-27	2.E-17
C14	8.E-02	5.E+00	2.E-10	1.E-08	2.E-01	1.E+01	5.E+00	3.E+02	2.E+00	1.E+02	2.E-01	1.E+01	3.E-02	2.E+00
Cm242	2.E-13	1.E-07	1.E-17	9.E-12	5.E-13	4.E-07	2.E-07	2.E-01	9.E-08	7.E-02	9.E-09	7.E-03	5.E-10	4.E-04
Cm244	1.E-07	2.E-03	2.E-14	3.E-10	3.E-06	7.E-02	8.E-05	2.E+00	3.E-05	6.E-01	3.E-06	6.E-02	2.E-07	4.E-03
Cm245	1.E-09	4.E-08	3.E-16	1.E-14	8.E-08	3.E-06	1.E-06	6.E-05	6.E-07	2.E-05	6.E-08	2.E-06	3.E-09	1.E-07
Cs135	1.E+00	2.E-01	7.E-08	1.E-08	5.E+00	8.E-01	3.E+01	5.E+00	2.E+01	3.E+00	7.E+00	1.E+00	8.E+00	1.E+00
Cs137	3.E+00	4.E+04	1.E-07	1.E-03	1.E+01	2.E+05	9.E+01	1.E+06	4.E+01	5.E+05	9.E+00	1.E+05	7.E+00	8.E+04
Fr221	2.E-20	7.E-10	4.E-28	1.E-17	1.E-20	4.E-10	4.E-19	2.E-08	4.E-20	2.E-09	4.E-20	2.E-09	3.E-19	1.E-08
Fr223	4.E-18	3.E-08	2.E-24	1.E-14	4.E-17	4.E-07	6.E-16	5.E-06	3.E-16	2.E-06	1.E-16	9.E-07	1.E-16	1.E-06
I129	6.E-01	1.E-02	2.E-08	5.E-10	2.E+00	6.E-02	6.E+01	1.E+00	2.E+01	5.E-01	3.E+00	7.E-02	2.E+00	4.E-02
Nb93m	4.E-06	1.E-01	2.E-12	4.E-08	1.E-05	4.E-01	5.E-04	1.E+01	2.E-04	5.E+00	2.E-05	6.E-01	8.E-06	2.E-01
Ni63	3.E-03	1.E+01	6.E-11	2.E-07	7.E-02	3.E+02	3.E-01	1.E+03	1.E-01	5.E+02	1.E-02	5.E+01	5.E-03	2.E+01
Np237	2.E-01	4.E-02	1.E-08	2.E-09	5.E-01	8.E-02	1.E+01	2.E+00	5.E+00	8.E-01	8.E-01	1.E-01	5.E-01	8.E-02
Np239	5.E-16	3.E-08	5.E-18	3.E-10	7.E-15	4.E-07	2.E-09	1.E-01	8.E-10	5.E-02	8.E-11	5.E-03	5.E-12	3.E-04
Pa231	4.E-07	4.E-06	2.E-13	3.E-12	4.E-06	5.E-05	7.E-05	7.E-04	3.E-05	3.E-04	9.E-06	1.E-04	1.E-05	1.E-04
Pa233	8.E-09	4.E-02	4.E-16	2.E-09	2.E-08	8.E-02	5.E-07	2.E+00	2.E-07	8.E-01	3.E-08	1.E-01	2.E-08	9.E-02
Pa234m	7.E-25	1.E-13	1.E-23	2.E-12	4.E-26	6.E-15	7.E-29	1.E-17	3.E-25	5.E-14	8.E-21	1.E-09	5.E-14	9.E-03
Pb209	8.E-19	7.E-10	2.E-26	1.E-17	5.E-19	4.E-10	2.E-17	1.E-08	2.E-18	2.E-09	2.E-18	2.E-09	1.E-17	1.E-08
Pb210	1.E-18	2.E-14	4.E-23	6.E-19	3.E-17	4.E-13	9.E-16	2.E-11	5.E-16	8.E-12	1.E-16	2.E-12	1.E-16	2.E-12
Pb211	5.E-16	2.E-06	2.E-22	1.E-12	5.E-15	3.E-05	6.E-14	3.E-04	3.E-14	2.E-04	1.E-14	6.E-05	1.E-14	8.E-05
Pb214	7.E-24	5.E-14	3.E-28	2.E-18	1.E-22	9.E-13	1.E-20	8.E-11	6.E-21	4.E-11	1.E-21	7.E-12	6.E-22	4.E-12
Pd107	4.E-01	2.E-02	2.E-08	1.E-09	2.E+00	9.E-02	4.E+01	2.E+00	2.E+01	9.E-01	2.E+00	1.E-01	7.E-01	4.E-02
Po210	2.E-20	2.E-14	6.E-25	6.E-19	5.E-19	5.E-13	2.E-17	2.E-11	8.E-18	8.E-12	2.E-18	2.E-12	2.E-18	2.E-12
Po213	3.E-28	7.E-10	5.E-36	1.E-17	2.E-28	4.E-10	6.E-27	2.E-08	6.E-28	2.E-09	6.E-28	2.E-09	4.E-27	1.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-106 MOLES	TANK TX-106 CURIES	TANK TX-107 MOLES	TANK TX-107 CURIES	TANK TX-108 MOLES	TANK TX-108 CURIES	TANK TX-109 MOLES	TANK TX-109 CURIES	TANK TX-110 MOLES	TANK TX-110 CURIES	TANK TX-111 MOLES	TANK TX-111 CURIES	TANK TX-112 MOLES	TANK TX-112 CURIES
Po214	9.E-31	6.E-14	4.E-35	3.E-18	2.E-29	1.E-12	2.E-27	1.E-10	7.E-28	5.E-11	1.E-28	9.E-12	8.E-29	5.E-12
Po215	4.E-22	2.E-06	2.E-28	1.E-12	4.E-21	3.E-05	6.E-20	4.E-04	3.E-20	2.E-04	1.E-20	6.E-05	1.E-20	8.E-05
Po218	8.E-25	5.E-14	3.E-29	2.E-18	1.E-23	9.E-13	1.E-21	9.E-11	6.E-22	4.E-11	1.E-22	7.E-12	7.E-23	4.E-12
Pu238	0.	0.	2.E-24	7.E-21	0.	0.	2.E-06	6.E-03	7.E-07	3.E-03	8.E-08	3.E-04	5.E-08	2.E-04
Pu239	0.	0.	3.E-23	4.E-22	0.	0.	2.E-05	3.E-04	9.E-06	1.E-04	1.E-06	1.E-05	3.E-08	5.E-07
Pu240	0.	0.	5.E-23	3.E-21	0.	0.	2.E-05	1.E-03	7.E-08	4.E-04	7.E-07	4.E-05	3.E-08	1.E-06
Pu241	0.	0.	2.E-27	4.E-23	0.	0.	9.E-08	2.E-03	3.E-08	8.E-04	4.E-09	9.E-05	1.E-10	3.E-06
Ra223	2.E-13	2.E-06	9.E-20	1.E-12	2.E-12	3.E-05	3.E-11	4.E-04	1.E-11	2.E-04	5.E-12	6.E-05	7.E-12	8.E-05
Ra225	9.E-17	8.E-10	2.E-24	1.E-17	5.E-17	4.E-10	2.E-15	2.E-08	2.E-16	2.E-09	2.E-16	2.E-09	1.E-15	1.E-08
Ra226	2.E-16	5.E-14	9.E-21	2.E-18	4.E-15	9.E-13	4.E-13	9.E-11	2.E-13	4.E-11	3.E-14	7.E-12	2.E-14	4.E-12
Ru106	2.E-11	8.E-06	7.E-16	2.E-10	4.E-10	2.E-04	2.E-07	8.E-02	8.E-08	3.E-02	9.E-09	3.E-03	5.E-10	2.E-04
Sb126	1.E-21	1.E-14	7.E-21	7.E-14	8.E-21	8.E-14	1.E-20	1.E-13	1.E-20	2.E-13	2.E-20	2.E-13	9.E-20	1.E-12
Sb126m	1.E-24	1.E-14	7.E-24	7.E-14	8.E-24	8.E-14	1.E-23	1.E-13	2.E-23	2.E-13	2.E-23	2.E-13	1.E-22	1.E-12
Se79	5.E-02	3.E-01	1.E-09	8.E-09	2.E-01	1.E+00	5.E+00	3.E+01	2.E+00	9.E+00	2.E-01	1.E+00	1.E-01	7.E-01
Sm151	4.E-09	2.E-05	7.E-09	3.E-05	3.E-08	1.E-04	1.E-07	4.E-04	1.E-07	5.E-04	1.E-07	4.E-04	2.E-07	6.E-04
Sn126	3.E-15	1.E-14	3.E-15	1.E-14	1.E-14	3.E-14	3.E-14	1.E-13	4.E-14	1.E-13	3.E-14	1.E-13	5.E-14	2.E-13
Sr90	5.E-10	6.E-06	1.E-07	1.E-03	2.E-02	3.E+02	1.E+01	2.E+05	7.E+00	9.E+04	5.E+00	6.E+04	8.E-01	9.E+03
Tc99	6.E+00	9.E+00	3.E-07	5.E-07	2.E+01	4.E+01	5.E+02	9.E+02	2.E+02	3.E+02	3.E+01	5.E+01	1.E+01	2.E+01
Th227	3.E-21	2.E-14	3.E-24	2.E-17	5.E-20	4.E-13	4.E-19	3.E-12	2.E-19	2.E-12	1.E-19	8.E-13	1.E-19	8.E-13
Th229	2.E-19	1.E-17	6.E-24	3.E-22	1.E-19	5.E-18	3.E-18	2.E-16	4.E-19	2.E-17	4.E-19	2.E-17	3.E-18	2.E-16
Th230	1.E-26	6.E-26	6.E-26	3.E-25	2.E-25	1.E-24	7.E-21	3.E-20	8.E-22	4.E-21	4.E-22	2.E-21	2.E-19	1.E-18
Th231	4.E-31	5.E-23	3.E-26	4.E-18	2.E-32	3.E-24	2.E-28	2.E-20	5.E-29	6.E-21	6.E-27	8.E-19	3.E-20	3.E-12
Th234	2.E-28	1.E-21	7.E-24	4.E-17	1.E-29	7.E-23	2.E-32	1.E-25	1.E-28	5.E-22	3.E-24	2.E-17	1.E-17	8.E-11
Tl207	6.E-17	2.E-06	3.E-23	1.E-12	7.E-16	3.E-05	1.E-14	4.E-04	4.E-15	2.E-04	2.E-15	6.E-05	2.E-15	8.E-05
U233	4.E-08	1.E-07	9.E-17	2.E-16	1.E-08	3.E-08	4.E-08	9.E-08	5.E-08	1.E-07	8.E-10	2.E-09	0.	0.
U234	7.E-15	1.E-14	8.E-19	1.E-18	3.E-14	4.E-14	1.E-10	1.E-10	2.E-10	2.E-10	2.E-12	3.E-12	0.	0.
U235	7.E-13	3.E-16	1.E-12	7.E-16	6.E-15	3.E-18	9.E-12	5.E-15	1.E-11	5.E-15	5.E-11	2.E-14	0.	0.
U238	8.E-11	7.E-15	9.E-11	7.E-15	1.E-12	9.E-17	2.E-16	2.E-20	6.E-12	5.E-16	6.E-09	5.E-13	0.	0.
Y90	1.E-13	7.E-06	3.E-11	1.E-03	6.E-06	3.E+02	2.E-05	1.E+03	3.E-05	2.E+03	2.E-05	1.E+03	4.E-05	2.E+03
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	1.E-06	0.	6.E-14	0.	4.E-06	0.	8.E-05	0.	3.E-05	0.	5.E-06	0.	2.E-06	0.
Al	1.E+05	0.	0.	0.	1.E+06	0.	1.E+07	0.	5.E+06	0.	6.E+05	0.	8.E+05	0.
Ba	8.E-02	0.	9.E-08	0.	9.E-05	0.	2.E-04	0.	5.E-04	0.	5.E-04	0.	9.E-04	0.
Bi	7.E-15	0.	2.E-21	0.	7.E-15	0.	4.E-14	0.	9.E-14	0.	2.E-13	0.	3.E-13	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-106 MOLES	TANK TX-106 CURIES	TANK TX-107 MOLES	TANK TX-107 CURIES	TANK TX-108 MOLES	TANK TX-108 CURIES	TANK TX-109 MOLES	TANK TX-109 CURIES	TANK TX-110 MOLES	TANK TX-110 CURIES	TANK TX-111 MOLES	TANK TX-111 CURIES	TANK TX-112 MOLES	TANK TX-112 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	1.E+06	0.	4.E+05	0.	4.E+04	0.	2.E+03	0.
CO3	2.E-04	0.	1.E-02	0.	2.E+05	0.	5.E+06	0.	3.E+06	0.	2.E+06	0.	3.E+06	0.
Ca	0.	0.	0.	0.	4.E-03	0.	3.E-04	0.	9.E-05	0.	9.E-06	0.	5.E-07	0.
Ce	0.	0.	0.	0.	9.E+02	0.	8.E+02	0.	6.E+02	0.	2.E+02	0.	8.E+02	0.
Cl	0.	0.	0.	0.	9.E-05	0.	1.E-03	0.	8.E-04	0.	7.E-04	0.	9.E-04	0.
Cr	4.E-14	0.	0.	0.	2.E-13	0.	8.E-13	0.	1.E-12	0.	8.E-13	0.	1.E-12	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	7.E+04	0.	3.E+05	0.	4.E+05	0.	1.E+05	0.	9.E+04	0.
Fe	0.	0.	0.	0.	4.E-21	0.	2.E+05	0.	6.E+04	0.	7.E+03	0.	4.E+02	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	1.E-04	0.	2.E-03	0.	2.E-02	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	7.E+01	0.	2.E+01	0.	2.E+00	0.	1.E-01	0.
K	0.	0.	0.	0.	0.	0.	1.E+04	0.	6.E+03	0.	6.E+02	0.	3.E+01	0.
La	0.	0.	0.	0.	0.	0.	6.E-21	0.	6.E-22	0.	1.E-23	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	3.E+03	0.	1.E+03	0.	1.E+02	0.	7.E+00	0.
NO2	7.E-06	0.	0.	0.	6.E+05	0.	7.E+06	0.	3.E+06	0.	4.E+05	0.	6.E+05	0.
NO3	9.E+05	0.	3.E-03	0.	5.E+06	0.	2.E+07	0.	1.E+07	0.	3.E+06	0.	6.E+06	0.
Na	5.E+05	0.	1.E+02	0.	3.E+06	0.	8.E+06	0.	9.E+06	0.	7.E+06	0.	1.E+07	0.
Ni	0.	0.	0.	0.	0.	0.	6.E+03	0.	2.E+03	0.	9.E+01	0.	2.E+00	0.
OH	2.E+02	0.	1.E+02	0.	5.E+01	0.	2.E+02	0.	2.E+02	0.	2.E+02	0.	3.E+02	0.
PO4	5.E-05	0.	4.E-03	0.	1.E+03	0.	8.E+04	0.	2.E+05	0.	1.E+05	0.	3.E+05	0.
Pb	6.E-11	0.	2.E-17	0.	8.E-10	0.	3.E-02	0.	1.E-02	0.	1.E-03	0.	8.E-05	0.
SiO3	1.E-07	0.	0.	0.	1.E+05	0.	4.E+05	0.	2.E+05	0.	4.E+04	0.	1.E+05	0.
SO4	4.E+03	0.	6.E-03	0.	3.E+05	0.	1.E+06	0.	8.E+05	0.	6.E+05	0.	9.E+05	0.
Sr	0.	0.	0.	0.	0.	0.	8.E-01	0.	3.E-01	0.	3.E-02	0.	2.E-03	0.
ZrO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK TX-113 MOLES	TANK TX-113 CURIES	TANK TX-114 MOLES	TANK TX-114 CURIES	TANK TX-115 MOLES	TANK TX-115 CURIES	TANK TX-116 MOLES	TANK TX-116 CURIES	TANK TX-117 MOLES	TANK TX-117 CURIES	TANK TX-118 MOLES	TANK TX-118 CURIES	TANK TY-101 MOLES	TANK TY-101 CURIES
Ac225	1.E-17	2.E-10	4.E-17	5.E-10	1.E-17	2.E-10	3.E-17	3.E-10	2.E-17	2.E-10	1.E-14	2.E-07	5.E-18	6.E-11
Ac227	3.E-09	4.E-05	6.E-09	9.E-05	2.E-09	3.E-05	9.E-10	2.E-05	4.E-10	6.E-06	2.E-08	3.E-04	1.E-09	2.E-05
Am241	2.E-06	1.E-03	2.E-06	2.E-03	1.E-06	1.E-03	6.E-07	5.E-04	2.E-07	2.E-04	2.E+00	2.E+03	3.E-07	3.E-04
Am242	3.E-16	6.E-08	1.E-14	2.E-06	4.E-15	9.E-07	3.E-16	6.E-08	1.E-16	2.E-08	1.E-08	2.E+00	7.E-15	1.E-06
Am242m	3.E-11	6.E-08	1.E-09	2.E-06	4.E-10	9.E-07	2.E-11	6.E-08	1.E-11	2.E-08	9.E-04	2.E+00	6.E-10	1.E-06
Am243	2.E-09	9.E-08	3.E-09	1.E-07	4.E-09	2.E-07	8.E-10	4.E-08	3.E-10	2.E-08	1.E-02	7.E-01	1.E-09	7.E-08
At217	5.E-25	2.E-10	1.E-24	5.E-10	5.E-25	2.E-10	9.E-25	3.E-10	6.E-25	2.E-10	5.E-22	2.E-07	2.E-25	6.E-11
Ba137m	2.E-09	1.E+02	1.E-09	9.E+01	3.E-09	2.E+02	9.E-10	7.E+01	2.E-09	1.E+02	2.E-05	1.E+06	4.E-10	3.E+01
Bi210	6.E-19	1.E-11	7.E-19	2.E-11	3.E-19	9.E-12	2.E-20	4.E-13	7.E-21	2.E-13	1.E-18	3.E-11	3.E-20	7.E-13
Bi211	5.E-16	4.E-05	1.E-15	9.E-05	4.E-16	3.E-05	2.E-16	2.E-05	7.E-17	6.E-06	4.E-15	3.E-04	2.E-16	2.E-05
Bi213	5.E-20	2.E-10	1.E-19	5.E-10	4.E-20	2.E-10	8.E-20	3.E-10	5.E-20	2.E-10	5.E-17	2.E-07	2.E-20	6.E-11
Bi214	5.E-21	5.E-11	6.E-21	6.E-11	3.E-21	3.E-11	8.E-23	7.E-13	3.E-23	3.E-13	5.E-20	5.E-10	2.E-22	1.E-12
C14	7.E-03	4.E-01	6.E-02	3.E+00	5.E-02	3.E+00	5.E-03	3.E-01	2.E-03	1.E-01	1.E-02	9.E-01	4.E-02	3.E+00
Cm242	6.E-14	5.E-08	2.E-12	2.E-06	9.E-13	7.E-07	6.E-14	5.E-08	2.E-14	2.E-08	2.E-06	2.E+00	1.E-12	1.E-06
Cm244	3.E-09	5.E-05	2.E-08	3.E-04	2.E-07	4.E-03	3.E-09	6.E-05	1.E-09	2.E-05	9.E-05	2.E+00	1.E-08	2.E-04
Cm245	2.E-11	8.E-10	1.E-10	5.E-09	2.E-09	8.E-08	2.E-11	8.E-10	8.E-12	3.E-10	2.E-06	7.E-05	1.E-10	5.E-09
Cs135	3.E+00	4.E-01	7.E+00	1.E+00	3.E+00	4.E-01	2.E+00	3.E-01	7.E-01	1.E-01	3.E+01	5.E+00	6.E-01	9.E-02
Cs137	2.E+00	3.E+04	7.E+00	8.E+04	4.E+00	5.E+04	2.E+00	2.E+04	7.E-01	8.E+03	1.E+02	1.E+06	6.E-01	8.E+03
Fr221	5.E-21	2.E-10	1.E-20	5.E-10	4.E-21	2.E-10	8.E-21	3.E-10	5.E-21	2.E-10	5.E-18	2.E-07	2.E-21	6.E-11
Fr223	7.E-17	6.E-07	2.E-16	1.E-06	5.E-17	5.E-07	3.E-17	2.E-07	1.E-17	9.E-08	6.E-16	5.E-06	3.E-17	3.E-07
I129	5.E-01	1.E-02	2.E+00	3.E-02	7.E-01	2.E-02	4.E-01	8.E-03	1.E-01	3.E-03	6.E+01	1.E+00	1.E-01	3.E-03
Nb93m	2.E-06	6.E-02	7.E-06	2.E-01	3.E-06	7.E-02	2.E-06	4.E-02	7.E-07	2.E-02	3.E-03	7.E+01	6.E-07	2.E-02
Ni63	3.E-02	1.E+02	5.E-02	2.E+02	3.E-02	1.E+02	1.E-02	5.E+01	5.E-03	2.E+01	3.E-01	1.E+03	2.E-02	6.E+01
Np237	2.E-01	3.E-02	5.E-01	8.E-02	2.E-01	3.E-02	1.E-01	2.E-02	5.E-02	8.E-03	1.E+01	2.E+00	4.E-02	7.E-03
Np239	2.E-15	9.E-08	2.E-15	1.E-07	3.E-15	2.E-07	7.E-16	4.E-08	3.E-16	2.E-08	1.E-08	7.E-01	1.E-15	6.E-08
Pa231	7.E-06	8.E-05	2.E-05	2.E-04	6.E-06	6.E-05	2.E-06	2.E-05	9.E-07	1.E-05	6.E-05	7.E-04	3.E-06	3.E-05
Pa233	6.E-09	3.E-02	2.E-08	8.E-02	6.E-09	3.E-02	4.E-09	2.E-02	2.E-09	8.E-03	5.E-07	2.E+00	2.E-09	7.E-03
Pa234m	1.E+23	2.E-12	6.E-24	1.E-12	2.E-23	3.E-12	9.E-28	1.E-16	3.E-27	6.E-16	3.E-25	4.E-14	6.E-25	9.E-14
Pb209	2.E-19	2.E-10	5.E-19	5.E-10	2.E-19	2.E-10	3.E-19	3.E-10	2.E-19	2.E-10	2.E-16	2.E-07	6.E-20	6.E-11
Pb210	9.E-16	1.E-11	1.E-15	2.E-11	5.E-16	8.E-12	2.E-17	4.E-13	1.E-17	2.E-13	2.E-15	3.E-11	4.E-17	6.E-13
Pb211	8.E-15	4.E-05	2.E-14	9.E-05	6.E-15	3.E-05	3.E-15	2.E-05	1.E-15	6.E-06	7.E-14	3.E-04	4.E-15	2.E-05
Pb214	7.E-21	5.E-11	8.E-21	6.E-11	4.E-21	3.E-11	1.E-22	7.E-13	4.E-23	3.E-13	7.E-20	5.E-10	2.E-22	1.E-12
Pd107	2.E-01	1.E-02	7.E-01	4.E-02	4.E-01	2.E-02	2.E-01	9.E-03	7.E-02	4.E-03	4.E+01	2.E+00	7.E-02	4.E-03
Po210	1.E-17	1.E-11	2.E-17	2.E-11	9.E-18	8.E-12	4.E-19	4.E-13	2.E-19	2.E-13	3.E-17	3.E-11	7.E-19	7.E-13
Po213	7.E-29	2.E-10	2.E-28	5.E-10	6.E-29	2.E-10	1.E-28	3.E-10	8.E-29	2.E-10	7.E-26	2.E-07	2.E-29	6.E-11

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-113 MOLES	TANK TX-113 CURIES	TANK TX-114 MOLES	TANK TX-114 CURIES	TANK TX-115 MOLES	TANK TX-115 CURIES	TANK TX-116 MOLES	TANK TX-116 CURIES	TANK TX-117 MOLES	TANK TX-117 CURIES	TANK TX-118 MOLES	TANK TX-118 CURIES	TANK TY-101 MOLES	TANK TY-101 CURIES
Po214	8.E-28	6.E-11	1.E-27	7.E-11	5.E-28	3.E-11	1.E-29	9.E-13	5.E-30	4.E-13	8.E-27	6.E-10	3.E-29	2.E-12
Po215	7.E-21	4.E-05	1.E-20	9.E-05	5.E-21	3.E-05	2.E-21	2.E-05	1.E-21	6.E-06	5.E-20	3.E-04	3.E-21	2.E-05
Po218	7.E-22	5.E-11	1.E-21	6.E-11	4.E-22	3.E-11	1.E-23	7.E-13	5.E-24	3.E-13	8.E-21	5.E-10	2.E-23	1.E-12
Pu238	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.E-06	3.E-02	0.	0.
Pu239	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.E-05	1.E-03	0.	0.
Pu240	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E-05	8.E-04	0.	0.
Pu241	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E-07	8.E-03	0.	0.
Ra223	4.E-12	4.E-05	8.E-12	9.E-05	3.E-12	3.E-05	1.E-12	2.E-05	6.E-13	6.E-06	3.E-11	3.E-04	2.E-12	2.E-05
Ra225	2.E-17	2.E-10	5.E-17	5.E-10	2.E-17	2.E-10	4.E-17	3.E-10	2.E-17	2.E-10	2.E-14	2.E-07	7.E-18	6.E-11
Ra226	2.E-13	5.E-11	3.E-13	6.E-11	1.E-13	3.E-11	3.E-15	7.E-13	1.E-15	3.E-13	2.E-12	5.E-10	7.E-15	1.E-12
Ru106	1.E-12	4.E-07	2.E-12	7.E-07	3.E-09	1.E-03	4.E-13	1.E-07	2.E-13	6.E-08	3.E-07	1.E-01	5.E-12	2.E-06
Sb126	1.E-20	1.E-13	1.E-20	1.E-13	1.E-20	1.E-13	4.E-21	4.E-14	2.E-21	2.E-14	5.E-06	5.E+01	2.E-21	2.E-14
Sb126m	1.E-23	1.E-13	1.E-23	1.E-13	1.E-23	1.E-13	4.E-24	4.E-14	2.E-24	2.E-14	5.E-09	5.E+01	2.E-24	2.E-14
Se79	4.E-02	2.E-01	1.E-01	6.E-01	6.E-02	3.E-01	3.E-02	2.E-01	1.E-02	6.E-02	4.E+00	2.E+01	1.E-02	6.E-02
Sm151	9.E-08	4.E-04	1.E-07	4.E-04	8.E-08	3.E-04	3.E-08	1.E-04	1.E-08	5.E-05	1.E+01	6.E+04	2.E-08	7.E-05
Sn126	3.E-14	1.E-13	4.E-14	1.E-13	3.E-14	1.E-13	1.E-14	4.E-14	5.E-15	2.E-14	1.E+01	5.E+01	7.E-15	2.E-14
Sr90	2.E-02	3.E+02	4.E-02	4.E+02	3.E-02	3.E+02	8.E-03	1.E+02	3.E-03	4.E+01	7.E+01	9.E+05	6.E-03	7.E+01
Tc99	5.E+00	8.E+00	1.E+01	2.E+01	7.E+00	1.E+01	3.E+00	6.E+00	1.E+00	2.E+00	5.E+02	9.E+02	1.E+00	2.E+00
Th227	5.E-20	4.E-13	1.E-19	8.E-13	5.E-20	4.E-13	3.E-20	2.E-13	7.E-21	5.E-14	5.E-11	3.E-04	3.E-20	2.E-13
Th229	5.E-20	3.E-18	1.E-19	5.E-18	3.E-20	1.E-18	5.E-20	3.E-18	5.E-20	3.E-18	4.E-09	2.E-07	1.E-20	7.E-19
Th230	8.E-28	4.E-27	3.E-26	1.E-25	2.E-24	8.E-24	2.E-25	1.E-24	8.E-25	4.E-24	2.E-08	8.E-08	3.E-26	1.E-25
Th231	6.E-30	8.E-22	3.E-30	4.E-22	1.E-29	2.E-21	8.E-34	9.E-26	3.E-33	4.E-25	1.E-20	2.E-12	4.E-31	5.E-23
Th234	3.E-27	2.E-20	2.E-27	9.E-21	6.E-27	4.E-20	4.E-31	2.E-24	8.E-31	4.E-24	8.E-21	4.E-14	2.E-28	1.E-21
Tl207	1.E-15	4.E-05	2.E-15	9.E-05	8.E-16	3.E-05	4.E-16	2.E-05	2.E-16	6.E-06	9.E-15	3.E-04	5.E-16	2.E-05
U233	5.E-08	1.E-07	6.E-08	1.E-07	5.E-08	1.E-07	4.E-08	8.E-08	4.E-08	8.E-08	6.E-06	1.E-05	1.E-08	2.E-08
U234	2.E-15	3.E-15	3.E-14	4.E-14	2.E-12	3.E-12	6.E-14	9.E-14	4.E-13	7.E-13	6.E-08	9.E-08	3.E-14	5.E-14
U235	2.E-11	9.E-15	7.E-12	4.E-15	4.E-11	2.E-14	2.E-15	8.E-19	1.E-14	6.E-18	3.E-09	2.E-12	1.E-12	5.E-16
U238	3.E-09	2.E-13	9.E-10	7.E-14	6.E-09	5.E-13	2.E-13	2.E-17	1.E-12	1.E-16	4.E-11	4.E-15	1.E-10	1.E-14
Y90	6.E-06	3.E+02	1.E-05	5.E+02	7.E-06	4.E+02	2.E-06	1.E+02	8.E-07	4.E+01	2.E-02	1.E+06	1.E-06	7.E+01
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	7.E-07	0.	2.E-06	0.	1.E-06	0.	5.E-07	0.	2.E-07	0.	1.E-05	0.	2.E-07	0.
Al	5.E+05	0.	1.E+05	0.	5.E+05	0.	1.E+05	0.	5.E+04	0.	7.E+06	0.	2.E+04	0.
Ba	1.E-03	0.	1.E-03	0.	3.E-03	0.	1.E-03	0.	3.E-03	0.	4.E+00	0.	4.E-04	0.
Bi	1.E-13	0.	9.E-14	0.	5.E-14	0.	9.E-15	0.	4.E-15	0.	6.E-13	0.	2.E-14	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.E+04	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-113 MOLES	TANK TX-113 CURIES	TANK TX-114 MOLES	TANK TX-114 CURIES	TANK TX-115 MOLES	TANK TX-115 CURIES	TANK TX-116 MOLES	TANK TX-116 CURIES	TANK TX-117 MOLES	TANK TX-117 CURIES	TANK TX-118 MOLES	TANK TX-118 CURIES	TANK TY-101 MOLES	TANK TY-101 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.E+05	0.	0.	0.
CO3	9.E+05	0.	2.E+06	0.	7.E+05	0.	6.E+05	0.	3.E+05	0.	1.E+04	0.	2.E+05	0.
Ca	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-03	0.	0.	0.
Ce	5.E+02	0.	1.E+02	0.	2.E+02	0.	1.E+02	0.	5.E+01	0.	5.E+02	0.	2.E+01	0.
Cl	3.E-04	0.	8.E-04	0.	3.E-04	0.	2.E-04	0.	8.E-05	0.	1.E-03	0.	6.E-05	0.
Cr	5.E-13	0.	6.E-14	0.	2.E-13	0.	4.E-14	0.	2.E-14	0.	1.E+02	0.	4.E-14	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+05	0.	0.	0.
F	2.E+05	0.	1.E+04	0.	4.E+05	0.	1.E+04	0.	4.E+03	0.	2.E+05	0.	2.E+04	0.
Fe	2.E-20	0.	2.E-20	0.	1.E-20	0.	8.E-21	0.	3.E-21	0.	2.E+05	0.	4.E-21	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-06	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+05	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-25	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+04	0.	0.	0.
NO2	4.E+05	0.	1.E+05	0.	2.E+05	0.	8.E+04	0.	3.E+04	0.	5.E+06	0.	1.E+04	0.
NO3	5.E+06	0.	2.E+06	0.	4.E+06	0.	9.E+05	0.	4.E+05	0.	2.E+07	0.	5.E+05	0.
Na	8.E+06	0.	9.E+06	0.	5.E+06	0.	6.E+06	0.	2.E+06	0.	8.E+04	0.	8.E+05	0.
Ni	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.E+03	0.	0.	0.
OH	2.E+02	0.	2.E+02	0.	2.E+02	0.	1.E+02	0.	1.E+02	0.	5.E+01	0.	4.E+01	0.
PO4	3.E+05	0.	5.E+05	0.	2.E+05	0.	9.E+04	0.	4.E+04	0.	3.E+03	0.	6.E+04	0.
Pb	1.E-09	0.	3.E-09	0.	9.E-10	0.	5.E-10	0.	2.E-10	0.	9.E-04	0.	6.E-10	0.
SiO3	5.E+05	0.	2.E+04	0.	2.E+05	0.	2.E+06	0.	6.E+05	0.	4.E+02	0.	3.E+03	0.
SO4	4.E+05	0.	7.E+05	0.	2.E+05	0.	2.E+05	0.	8.E+04	0.	4.E+03	0.	5.E+04	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E+00	0.	0.	0.
ZrO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E+00	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK TY-102		TANK TY-103		TANK TY-104		TANK TY-105		TANK TY-106		TANK U-101		TANK U-102	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	2.E-16	3.E-09	6.E-16	8.E-09	1.E-18	2.E-11	2.E-16	3.E-09	1.E-24	1.E-17	6.E-18	7.E-11	1.E-16	2.E-09
Ac227	5.E-09	9.E-05	8.E-09	1.E-04	3.E-11	4.E-07	6.E-09	1.E-04	4.E-17	7.E-13	4.E-10	7.E-06	1.E-09	2.E-05
Am241	2.E-04	1.E-01	3.E-05	3.E-02	4.E-08	3.E-05	1.E-06	9.E-04	7.E-15	6.E-12	2.E-07	2.E-04	7.E-03	6.E+00
Am242	3.E-14	6.E-06	7.E-15	1.E-06	7.E-17	1.E-08	3.E-14	6.E-06	3.E-22	6.E-14	4.E-18	7.E-10	5.E-11	9.E-03
Am242m	2.E-09	6.E-06	6.E-10	1.E-06	6.E-12	1.E-08	3.E-09	6.E-06	3.E-17	6.E-14	3.E-13	7.E-10	4.E-06	9.E-03
Am243	6.E-07	3.E-05	9.E-09	4.E-07	2.E-10	8.E-09	2.E-09	9.E-08	1.E-17	7.E-16	3.E-09	1.E-07	5.E-05	2.E-03
At217	9.E-24	3.E-09	2.E-23	8.E-09	5.E-26	2.E-11	8.E-24	3.E-09	4.E-32	1.E-17	2.E-25	7.E-11	4.E-24	2.E-09
Ba137m	3.E-11	2.E+00	2.E-10	1.E+01	7.E-10	5.E+01	2.E-10	1.E+01	3.E-15	2.E-04	9.E-07	7.E+04	1.E-08	7.E+02
Bi210	1.E-19	2.E-12	6.E-23	2.E-15	3.E-21	8.E-14	7.E-20	2.E-12	5.E-28	1.E-20	5.E-21	1.E-13	1.E-19	3.E-12
Bi211	1.E-15	9.E-05	7.E-19	6.E-08	5.E-18	4.E-07	1.E-15	1.E-04	8.E-24	7.E-13	8.E-17	7.E-06	2.E-16	2.E-05
Bi213	8.E-19	3.E-09	9.E-22	4.E-12	4.E-21	2.E-11	7.E-19	3.E-09	4.E-27	1.E-17	2.E-20	7.E-11	4.E-19	2.E-09
Bi214	7.E-22	7.E-12	5.E-25	5.E-15	2.E-23	2.E-13	3.E-22	3.E-12	2.E-30	2.E-20	3.E-23	2.E-13	1.E-21	1.E-11
C14	1.E+00	6.E+01	3.E+00	2.E+02	3.E-03	2.E-01	2.E-01	1.E+01	9.E-10	6.E-08	1.E-01	8.E+00	4.E-01	3.E+01
Cm242	6.E-12	5.E-06	1.E-12	1.E-06	2.E-14	1.E-08	6.E-12	5.E-06	6.E-20	5.E-14	8.E-16	6.E-10	1.E-08	8.E-03
Cm244	8.E-06	2.E-01	2.E-05	5.E-01	2.E-08	3.E-04	1.E-08	3.E-04	1.E-16	2.E-12	5.E-07	1.E-02	1.E-06	3.E-02
Cm245	7.E-08	3.E-06	2.E-07	9.E-06	2.E-10	9.E-09	1.E-10	5.E-09	9.E-19	4.E-17	7.E-09	3.E-07	3.E-08	1.E-06
Cs135	3.E+00	5.E-01	3.E+00	5.E-01	7.E-02	1.E-02	3.E+00	4.E-01	1.E-08	2.E-09	3.E+00	4.E-01	8.E+00	1.E+00
Cs137	7.E+00	9.E+04	1.E+01	2.E+05	2.E-01	2.E+03	3.E+00	3.E+04	2.E-08	2.E-04	6.E+00	7.E+04	2.E+01	2.E+05
Fr221	8.E-20	3.E-09	2.E-19	8.E-09	4.E-22	2.E-11	7.E-20	3.E-09	4.E-28	1.E-17	2.E-21	7.E-11	4.E-20	2.E-09
Fr223	1.E-16	1.E-06	2.E-16	2.E-06	7.E-19	6.E-09	2.E-16	1.E-06	1.E-24	1.E-14	1.E-17	1.E-07	3.E-17	2.E-07
I129	2.E+01	4.E-01	5.E+01	1.E+00	3.E-02	7.E-04	6.E-01	1.E-02	4.E-09	9.E-11	1.E+00	3.E-02	3.E+00	7.E-02
Nb93m	2.E-04	5.E+00	5.E-04	1.E+01	6.E-08	2.E-03	3.E-06	7.E-02	2.E-14	5.E-10	3.E-06	7.E-02	3.E-05	7.E-01
Ni63	3.E-02	1.E+02	1.E-04	4.E-01	9.E-04	3.E+00	8.E-02	3.E+02	4.E-10	2.E-06	5.E-02	2.E+02	1.E-02	5.E+01
Np237	3.E+00	6.E-01	9.E+00	2.E+00	9.E-03	2.E-03	2.E-01	3.E-02	9.E-10	2.E-10	5.E-01	8.E-02	1.E+00	2.E-01
Np239	5.E-13	3.E-05	8.E-15	4.E-07	1.E-16	8.E-09	2.E-15	9.E-08	1.E-23	6.E-16	2.E-15	1.E-07	4.E-11	2.E-03
Pa231	1.E-05	2.E-04	3.E-05	3.E-04	7.E-08	8.E-07	1.E-05	2.E-04	1.E-13	1.E-12	1.E-06	1.E-05	3.E-06	3.E-05
Pa233	1.E-07	6.E-01	3.E-07	2.E+00	3.E-10	2.E-03	7.E-09	3.E-02	3.E-17	2.E-10	2.E-08	8.E-02	3.E-08	2.E-01
Pa234m	6.E-29	9.E-18	3.E-34	4.E-23	1.E-25	2.E-14	7.E-24	1.E-12	5.E-32	9.E-21	9.E-28	1.E-16	8.E-28	1.E-16
Pb209	3.E-18	3.E-09	9.E-18	8.E-09	2.E-20	2.E-11	3.E-18	3.E-09	2.E-26	1.E-17	8.E-20	7.E-11	2.E-18	2.E-09
Pb210	1.E-16	2.E-12	2.E-16	3.E-12	5.E-18	8.E-14	1.E-16	2.E-12	8.E-25	1.E-20	7.E-18	1.E-13	2.E-16	3.E-12
Pb211	2.E-14	9.E-05	2.E-14	1.E-04	8.E-17	4.E-07	2.E-14	1.E-04	1.E-22	7.E-13	1.E-15	7.E-06	3.E-15	2.E-05
Pb214	1.E-21	7.E-12	2.E-21	1.E-11	3.E-23	2.E-13	4.E-22	3.E-12	3.E-30	2.E-20	4.E-23	2.E-13	2.E-21	1.E-11
Pd107	1.E+01	7.E-01	3.E+01	2.E+00	2.E-02	1.E-03	3.E-01	2.E-02	2.E-09	1.E-10	8.E-01	4.E-02	2.E+00	1.E-01
Po210	2.E-18	2.E-12	3.E-18	3.E-12	8.E-20	8.E-14	2.E-18	2.E-12	1.E-26	1.E-20	1.E-19	1.E-13	3.E-18	3.E-12
Po213	1.E-27	3.E-09	3.E-27	8.E-09	6.E-30	2.E-11	1.E-27	3.E-09	5.E-36	1.E-17	3.E-29	7.E-11	6.E-28	1.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TY-102 MOLES	TANK TY-102 CURIES	TANK TY-103 MOLES	TANK TY-103 CURIES	TANK TY-104 MOLES	TANK TY-104 CURIES	TANK TY-105 MOLES	TANK TY-105 CURIES	TANK TY-106 MOLES	TANK TY-106 CURIES	TANK U-101 MOLES	TANK U-101 CURIES	TANK U-102 MOLES	TANK U-102 CURIES
Po214	1.E-28	8.E-12	2.E-28	1.E-11	4.E-30	3.E-13	5.E-29	4.E-12	4.E-37	3.E-20	4.E-30	3.E-13	2.E-28	1.E-11
Po215	1.E-20	9.E-05	2.E-20	1.E-04	7.E-23	4.E-07	2.E-20	1.E-04	1.E-28	7.E-13	1.E-21	7.E-06	3.E-21	2.E-05
Po218	1.E-22	7.E-12	2.E-22	1.E-11	3.E-24	2.E-13	5.E-23	3.E-12	4.E-31	2.E-20	4.E-24	2.E-13	2.E-22	1.E-11
Pu238	5.E-10	2.E-06	1.E-08	6.E-05	0.	0.	0.	0.	1.E-25	4.E-22	5.E-15	2.E-11	3.E-08	1.E-04
Pu239	9.E-08	1.E-06	5.E-08	7.E-07	0.	0.	0.	0.	2.E-28	3.E-27	6.E-13	8.E-12	4.E-08	6.E-07
Pu240	8.E-07	4.E-05	2.E-06	1.E-04	0.	0.	0.	0.	2.E-24	9.E-23	5.E-08	3.E-06	1.E-07	7.E-06
Pu241	1.E-10	3.E-06	3.E-10	8.E-06	0.	0.	0.	0.	1.E-29	3.E-25	1.E-12	3.E-08	5.E-11	1.E-06
Ra223	7.E-12	9.E-05	1.E-11	1.E-04	4.E-14	4.E-07	9.E-12	1.E-04	6.E-20	7.E-13	6.E-13	7.E-06	1.E-12	2.E-05
Ra225	3.E-16	3.E-09	9.E-16	8.E-09	2.E-18	2.E-11	3.E-16	3.E-09	2.E-24	1.E-17	9.E-18	8.E-11	2.E-16	2.E-09
Ra226	3.E-14	7.E-12	5.E-14	1.E-11	9.E-16	2.E-13	1.E-14	3.E-12	1.E-22	2.E-20	1.E-15	2.E-13	5.E-14	1.E-11
Ru106	4.E-09	2.E-03	1.E-08	4.E-03	2.E-10	8.E-05	1.E-12	3.E-07	2.E-19	6.E-14	5.E-11	2.E-05	7.E-08	2.E-02
Sb126	7.E-21	8.E-14	2.E-21	2.E-14	3.E-22	3.E-15	8.E-21	8.E-14	4.E-29	4.E-22	1.E-21	2.E-14	6.E-13	6.E-06
Sb126m	8.E-24	8.E-14	2.E-24	2.E-14	3.E-25	3.E-15	8.E-24	8.E-14	4.E-32	4.E-22	2.E-24	2.E-14	6.E-16	6.E-06
Se79	1.E+00	7.E+00	4.E+00	2.E+01	2.E-03	1.E-02	5.E-02	3.E-01	2.E-10	1.E-09	9.E-02	5.E-01	2.E-01	1.E+00
Sm151	2.E-08	6.E-05	1.E-08	6.E-05	2.E-09	9.E-06	6.E-08	2.E-04	4.E-16	1.E-12	1.E-08	5.E-05	5.E-02	2.E+02
Sn126	5.E-15	2.E-14	5.E-15	2.E-14	9.E-16	3.E-15	2.E-14	7.E-14	1.E-22	4.E-22	4.E-15	1.E-14	5.E-02	2.E-01
Sr90	1.E+00	1.E+04	2.E+00	3.E+04	6.E-04	8.E+00	1.E-02	2.E+02	7.E-11	8.E-07	1.E+00	2.E+04	5.E+00	6.E+04
Tc99	1.E+02	2.E+02	4.E+02	7.E+02	3.E-01	4.E-01	6.E+00	1.E+01	3.E-08	5.E-08	1.E+01	2.E+01	3.E+01	5.E+01
Th227	1.E-19	8.E-13	2.E-19	2.E-12	8.E-22	6.E-15	1.E-19	8.E-13	2.E-24	1.E-17	1.E-12	7.E-06	2.E-12	2.E-05
Th229	9.E-19	4.E-17	2.E-18	8.E-17	3.E-21	2.E-19	4.E-19	2.E-17	6.E-24	3.E-22	2.E-12	8.E-11	3.E-11	2.E-09
Th230	7.E-24	3.E-23	2.E-22	1.E-21	2.E-24	8.E-24	3.E-24	2.E-23	7.E-28	3.E-27	3.E-22	1.E-21	8.E-11	4.E-10
Th231	2.E-30	2.E-22	8.E-31	1.E-22	1.E-31	1.E-23	3.E-30	4.E-22	7.E-35	8.E-27	6.E-26	7.E-18	1.E-23	2.E-15
Th234	2.E-32	1.E-25	9.E-38	5.E-31	3.E-29	1.E-22	2.E-27	9.E-21	3.E-32	2.E-25	3.E-23	1.E-16	2.E-23	1.E-16
Tl207	2.E-15	9.E-05	3.E-15	1.E-04	1.E-17	4.E-07	2.E-15	1.E-04	2.E-23	7.E-13	2.E-16	7.E-06	4.E-16	2.E-05
U233	3.E-10	7.E-10	2.E-11	5.E-11	4.E-09	1.E-08	2.E-08	5.E-08	7.E-15	1.E-14	3.E-07	8.E-07	4.E-08	8.E-08
U234	3.E-15	5.E-15	3.E-15	4.E-15	1.E-12	2.E-12	3.E-13	5.E-13	1.E-18	2.E-18	6.E-17	9.E-17	3.E-11	4.E-11
U235	2.E-15	1.E-18	3.E-17	2.E-20	3.E-13	2.E-16	2.E-12	9.E-16	9.E-19	4.E-22	1.E-14	7.E-18	2.E-13	1.E-16
U238	6.E-18	5.E-22	8.E-25	6.E-29	4.E-11	3.E-15	2.E-10	2.E-14	1.E-16	9.E-21	2.E-12	1.E-16	1.E-13	8.E-18
Y90	4.E-06	2.E+02	9.E-06	4.E+02	2.E-07	8.E+00	3.E-06	2.E+02	2.E-14	9.E-07	3.E-04	2.E+04	1.E-03	7.E+04
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	2.E-05	0.	6.E-05	0.	4.E-08	0.	1.E-06	0.	6.E-15	0.	2.E-06	0.	5.E-06	0.
Al	1.E+04	0.	7.E-02	0.	3.E+04	0.	9.E+01	0.	1.E-06	0.	4.E+05	0.	1.E+06	0.
Ba	3.E-05	0.	1.E-04	0.	8.E-04	0.	6.E-04	0.	1.E-08	0.	3.E-01	0.	3.E-03	0.
Bi	3.E-14	0.	1.E-17	0.	2.E-15	0.	4.E-14	0.	2.E-22	0.	1.E-14	0.	1.E-14	0.
C2H3O3	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.E+01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TY-102 MOLES	TANK TY-102 CURIES	TANK TY-103 MOLES	TANK TY-103 CURIES	TANK TY-104 MOLES	TANK TY-104 CURIES	TANK TY-105 MOLES	TANK TY-105 CURIES	TANK TY-106 MOLES	TANK TY-106 CURIES	TANK U-101 MOLES	TANK U-101 CURIES	TANK U-102 MOLES	TANK U-102 CURIES
C6H5O7	2.E+04	0.	6.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E+03	0.
CO3	9.E+05	0.	4.E+05	0.	9.E+03	0.	9.E+05	0.	4.E-03	0.	3.E+05	0.	5.E+04	0.
Ca	8.E-05	0.	2.E-04	0.	3.E-07	0.	0.	0.	0.	0.	0.	0.	2.E-03	0.
Ce	2.E+01	0.	1.E+01	0.	8.E+00	0.	1.E-01	0.	5.E-10	0.	5.E-20	0.	2.E+02	0.
Cl	3.E-04	0.	2.E-05	0.	3.E-06	0.	3.E-04	0.	2.E-12	0.	0.	0.	2.E-05	0.
Cr	1.E-13	0.	6.E-14	0.	1.E-14	0.	3.E-16	0.	2.E-24	0.	1.E-13	0.	2.E-02	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.E+01	0.
F	1.E+04	0.	2.E+04	0.	9.E+03	0.	9.E+01	0.	5.E-07	0.	6.E-17	0.	2.E+04	0.
Fe	3.E+03	0.	1.E+04	0.	4.E-22	0.	0.	0.	1.E-28	0.	0.	0.	6.E+02	0.
Fe(CN)6	2.E+00	0.	6.E+00	0.	3.E+00	0.	0.	0.	0.	0.	0.	0.	2.E-03	0.
HEDTA	2.E+01	0.	7.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+02	0.
K	1.E+03	0.	3.E+03	0.	3.E+01	0.	0.	0.	0.	0.	0.	0.	1.E+01	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	7.E+01	0.	2.E+02	0.	1.E-01	0.	0.	0.	0.	0.	0.	0.	2.E+01	0.
NO2	1.E+05	0.	3.E+05	0.	2.E+04	0.	7.E+01	0.	5.E-07	0.	6.E-17	0.	3.E+05	0.
NO3	1.E+06	0.	1.E+06	0.	2.E+05	0.	1.E+06	0.	8.E-03	0.	2.E+06	0.	6.E+06	0.
Na	3.E+06	0.	3.E+06	0.	2.E+05	0.	3.E+06	0.	4.E+05	0.	1.E+06	0.	2.E+06	0.
Ni	2.E-05	0.	4.E-07	0.	6.E-04	0.	0.	0.	0.	0.	0.	0.	1.E-01	0.
OH	2.E+01	0.	1.E+03	0.	2.E+01	0.	1.E+02	0.	8.E+00	0.	2.E+01	0.	1.E+02	0.
PO4	1.E+03	0.	5.E+02	0.	3.E+03	0.	2.E+05	0.	1.E-03	0.	8.E+01	0.	3.E+03	0.
Pb	2.E-09	0.	2.E-09	0.	1.E-11	0.	3.E-09	0.	2.E-17	0.	2.E-10	0.	1.E-03	0.
SiO3	5.E+03	0.	9.E+03	0.	1.E+03	0.	2.E+01	0.	2.E+05	0.	1.E-17	0.	3.E+04	0.
SO4	3.E+05	0.	3.E+05	0.	4.E+03	0.	2.E+05	0.	2.E-03	0.	9.E+04	0.	9.E+04	0.
Sr	3.E-06	0.	8.E-06	0.	4.E-08	0.	0.	0.	0.	0.	0.	0.	5.E-02	0.
ZrO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.E-02	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK U-103		TANK U-104		TANK U-105		TANK U-106		TANK U-107		TANK U-108		TANK U-109	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	4.E-21	6.E-14	2.E-24	3.E-17	1.E-20	2.E-13	7.E-24	9.E-17	1.E-15	1.E-08	6.E-20	8.E-13	2.E-17	3.E-10
Ac227	9.E-13	2.E-08	7.E-18	1.E-13	2.E-13	4.E-09	2.E-18	3.E-14	2.E-09	3.E-05	3.E-12	4.E-08	1.E-10	2.E-06
Am241	5.E-10	4.E-07	1.E-10	1.E-07	1.E-09	1.E-06	9.E-10	8.E-07	2.E-01	2.E+02	1.E-09	1.E-06	2.E-07	2.E-04
Am242	1.E-18	3.E-10	2.E-20	4.E-12	2.E-19	3.E-11	5.E-18	1.E-09	1.E-09	2.E-01	4.E-18	8.E-10	7.E-16	1.E-07
Am242m	1.E-13	3.E-10	2.E-15	4.E-12	1.E-14	3.E-11	4.E-13	1.E-09	1.E-04	2.E-01	3.E-13	8.E-10	6.E-11	1.E-07
Am243	2.E-12	1.E-10	1.E-12	5.E-11	7.E-12	3.E-10	7.E-12	4.E-10	2.E-03	9.E-02	7.E-12	3.E-10	2.E-09	8.E-08
At217	2.E-28	5.E-14	8.E-32	3.E-17	5.E-28	2.E-13	2.E-31	9.E-17	4.E-23	1.E-08	2.E-27	8.E-13	8.E-25	3.E-10
Ba137m	4.E-10	3.E+01	6.E-15	4.E-04	7.E-10	5.E+01	4.E-15	3.E-04	2.E-07	2.E+04	1.E-09	8.E+01	9.E-08	7.E+03
Bi210	3.E-22	7.E-15	3.E-28	7.E-21	5.E-24	1.E-16	1.E-27	4.E-20	3.E-20	8.E-13	7.E-22	2.E-14	2.E-21	5.E-14
Bi211	2.E-19	2.E-08	1.E-24	1.E-13	5.E-20	4.E-09	3.E-25	3.E-14	9.E-17	8.E-06	5.E-19	4.E-08	2.E-17	2.E-06
Bi213	1.E-23	6.E-14	7.E-27	3.E-17	5.E-23	2.E-13	2.E-26	9.E-17	8.E-19	3.E-09	2.E-22	8.E-13	7.E-20	3.E-10
Bi214	2.E-24	2.E-14	1.E-30	1.E-20	4.E-26	4.E-16	2.E-29	2.E-19	1.E-21	1.E-11	5.E-24	5.E-14	2.E-23	2.E-13
C14	6.E-05	4.E-03	3.E-11	2.E-09	1.E-04	7.E-03	9.E-10	6.E-08	1.E-01	8.E+00	2.E-04	1.E-02	5.E-02	3.E+00
Cm242	3.E-16	2.E-10	4.E-18	3.E-12	3.E-17	3.E-11	1.E-15	9.E-10	2.E-07	2.E-01	8.E-16	6.E-10	1.E-13	1.E-07
Cm244	2.E-10	3.E-06	2.E-15	3.E-11	6.E-10	1.E-05	1.E-15	3.E-11	2.E-05	4.E-01	4.E-10	8.E-06	1.E-07	3.E-03
Cm245	2.E-12	6.E-11	2.E-17	7.E-16	1.E-11	6.E-10	1.E-17	6.E-16	4.E-07	2.E-05	4.E-12	2.E-10	2.E-09	6.E-08
Cs135	9.E-04	1.E-04	2.E-08	3.E-09	2.E-03	3.E-04	7.E-09	1.E-09	3.E+00	4.E-01	2.E-03	4.E-04	6.E-01	1.E-01
Cs137	3.E-03	3.E+01	4.E-08	4.E-04	5.E-03	6.E+01	3.E-08	3.E-04	9.E+00	1.E+05	7.E-03	8.E+01	2.E+00	3.E+04
Fr221	1.E-24	6.E-14	7.E-28	3.E-17	5.E-24	2.E-13	2.E-27	9.E-17	3.E-19	1.E-08	2.E-23	8.E-13	7.E-21	3.E-10
Fr223	3.E-20	2.E-10	2.E-25	2.E-15	7.E-21	6.E-11	5.E-26	4.E-16	5.E-17	5.E-07	7.E-20	6.E-10	3.E-18	2.E-08
I129	5.E-04	1.E-05	8.E-09	2.E-10	9.E-04	2.E-05	4.E-09	9.E-11	6.E+00	1.E-01	1.E-03	3.E-05	4.E-01	9.E-03
Nb93m	8.E-09	2.E-04	1.E-13	3.E-09	2.E-09	4.E-05	1.E-12	4.E-08	2.E-04	6.E+00	2.E-08	6.E-04	1.E-06	3.E-02
Ni63	2.E-05	8.E-02	1.E-11	5.E-08	4.E-05	1.E-01	1.E-10	4.E-07	4.E-06	1.E-02	5.E-05	2.E-01	5.E-03	2.E+01
Np237	2.E-04	3.E-05	2.E-09	4.E-10	2.E-04	4.E-05	2.E-09	3.E-10	1.E+00	2.E-01	5.E-04	8.E-05	7.E-02	1.E-02
Np239	2.E-18	1.E-10	9.E-19	5.E-11	6.E-18	3.E-10	6.E-18	3.E-10	2.E-09	9.E-02	6.E-18	3.E-10	1.E-15	8.E-08
Pa231	3.E-09	3.E-08	2.E-14	2.E-13	7.E-10	8.E-09	4.E-15	4.E-14	6.E-06	7.E-05	8.E-09	9.E-08	3.E-07	3.E-06
Pa233	6.E-12	3.E-05	7.E-17	4.E-10	8.E-12	4.E-05	7.E-17	3.E-10	4.E-08	2.E-01	2.E-11	8.E-05	2.E-09	1.E-02
Pa234m	5.E-27	8.E-16	3.E-24	5.E-13	7.E-39	1.E-27	3.E-32	4.E-21	1.E-24	2.E-13	1.E-26	2.E-15	2.E-14	4.E-03
Pb209	6.E-23	6.E-14	3.E-26	3.E-17	2.E-22	2.E-13	9.E-26	9.E-17	1.E-17	1.E-08	9.E-22	8.E-13	3.E-19	3.E-10
Pb210	4.E-19	6.E-15	4.E-25	6.E-21	7.E-21	1.E-16	2.E-24	3.E-20	2.E-16	3.E-12	1.E-18	2.E-14	3.E-18	5.E-14
Pb211	3.E-18	2.E-08	2.E-23	1.E-13	8.E-19	4.E-09	6.E-24	3.E-14	6.E-15	3.E-05	8.E-18	4.E-08	3.E-16	2.E-06
Pb214	3.E-24	2.E-14	2.E-30	1.E-20	5.E-26	4.E-16	3.E-29	2.E-19	6.E-21	4.E-11	7.E-24	5.E-14	2.E-23	2.E-13
Pd107	3.E-04	2.E-05	4.E-09	2.E-10	6.E-04	3.E-05	2.E-09	1.E-10	4.E+00	2.E-01	9.E-04	5.E-05	2.E-01	1.E-02
Po210	7.E-21	6.E-15	7.E-27	6.E-21	1.E-22	1.E-16	3.E-26	3.E-20	3.E-18	3.E-12	2.E-20	2.E-14	5.E-20	5.E-14
Po213	2.E-32	5.E-14	1.E-35	3.E-17	7.E-32	2.E-13	3.E-35	9.E-17	5.E-27	1.E-08	3.E-31	8.E-13	1.E-28	3.E-10

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-103 MOLES	TANK U-103 CURIES	TANK U-104 MOLES	TANK U-104 CURIES	TANK U-105 MOLES	TANK U-105 CURIES	TANK U-106 MOLES	TANK U-106 CURIES	TANK U-107 MOLES	TANK U-107 CURIES	TANK U-108 MOLES	TANK U-108 CURIES	TANK U-109 MOLES	TANK U-109 CURIES
Po214	3.E-31	2.E-14	2.E-37	2.E-20	7.E-33	5.E-16	4.E-36	3.E-19	7.E-28	5.E-11	9.E-31	6.E-14	3.E-30	2.E-13
Po215	2.E-24	2.E-08	2.E-29	1.E-13	6.E-25	4.E-09	5.E-30	3.E-14	5.E-21	3.E-05	7.E-24	4.E-08	3.E-22	2.E-06
Po218	3.E-25	2.E-14	2.E-31	1.E-20	6.E-27	4.E-16	4.E-30	2.E-19	6.E-22	4.E-11	8.E-25	5.E-14	2.E-24	2.E-13
Pu238	0.	0.	2.E-24	7.E-21	0.	0.	2.E-15	9.E-12	7.E-07	3.E-03	0.	0.	0.	0.
Pu239	0.	0.	3.E-23	4.E-22	0.	0.	2.E-15	4.E-14	4.E-06	7.E-05	0.	0.	0.	0.
Pu240	0.	0.	1.E-23	7.E-22	0.	0.	2.E-16	1.E-14	2.E-06	1.E-04	0.	0.	0.	0.
Pu241	0.	0.	2.E-28	5.E-24	0.	0.	3.E-18	6.E-14	2.E-08	4.E-04	0.	0.	0.	0.
Ra223	1.E-15	2.E-08	1.E-20	1.E-13	4.E-16	4.E-09	3.E-21	3.E-14	3.E-12	3.E-05	4.E-15	4.E-08	1.E-13	2.E-06
Ra225	7.E-21	6.E-14	3.E-24	3.E-17	2.E-20	2.E-13	1.E-23	9.E-17	1.E-15	1.E-08	9.E-20	8.E-13	3.E-17	3.E-10
Ra226	8.E-17	2.E-14	6.E-23	1.E-20	2.E-18	4.E-16	1.E-21	2.E-19	2.E-13	4.E-11	2.E-16	5.E-14	7.E-16	2.E-13
Ru106	1.E-11	4.E-06	1.E-16	4.E-11	2.E-13	6.E-08	1.E-14	4.E-09	4.E-08	1.E-02	3.E-11	1.E-05	2.E-10	6.E-05
Sb126	7.E-24	7.E-17	2.E-21	2.E-14	4.E-23	4.E-16	3.E-15	3.E-08	6.E-13	6.E-06	2.E-23	2.E-16	2.E-21	2.E-14
Sb126m	7.E-27	7.E-17	2.E-24	2.E-14	5.E-26	4.E-16	3.E-18	3.E-08	6.E-16	6.E-06	2.E-26	2.E-16	2.E-24	2.E-14
Se79	4.E-05	2.E-04	5.E-10	3.E-09	7.E-05	4.E-04	2.E-10	1.E-09	5.E-01	3.E+00	1.E-04	5.E-04	3.E-02	2.E-01
Sm151	3.E-11	1.E-07	2.E-09	7.E-06	7.E-11	3.E-07	7.E-09	3.E-05	1.E+00	4.E+03	9.E-11	3.E-07	1.E-08	5.E-05
Sn126	2.E-17	7.E-17	5.E-15	2.E-14	1.E-16	4.E-16	7.E-09	3.E-08	1.E+00	3.E+00	5.E-17	2.E-16	5.E-15	2.E-14
Sr90	2.E-04	3.E+00	4.E-08	4.E-04	3.E-04	4.E+00	2.E-07	3.E-03	6.E+00	7.E+04	6.E-04	7.E+00	1.E-03	2.E+01
Tc99	4.E-03	7.E-03	7.E-08	1.E-07	8.E-03	1.E-02	3.E-08	5.E-08	5.E+01	9.E+01	1.E-02	2.E-02	3.E+00	6.E+00
Th227	8.E-23	6.E-16	1.E-24	7.E-18	2.E-23	1.E-16	4.E-21	3.E-14	4.E-12	3.E-05	5.E-23	4.E-16	3.E-21	2.E-14
Th229	5.E-23	3.E-21	4.E-23	2.E-21	2.E-22	8.E-21	2.E-18	9.E-17	3.E-10	1.E-08	2.E-22	1.E-20	5.E-20	3.E-18
Th230	4.E-30	2.E-29	8.E-26	4.E-25	4.E-29	2.E-28	1.E-17	6.E-17	1.E-09	6.E-09	1.E-29	6.E-29	5.E-20	3.E-19
Th231	1.E-32	2.E-24	1.E-26	2.E-18	2.E-38	2.E-30	7.E-30	9.E-22	3.E-22	3.E-14	6.E-33	8.E-25	1.E-20	2.E-12
Th234	6.E-30	3.E-23	6.E-24	4.E-17	0.	0.	8.E-28	4.E-21	4.E-20	2.E-13	3.E-30	2.E-23	7.E-18	4.E-11
Tl207	4.E-19	2.E-08	3.E-24	1.E-13	1.E-19	4.E-09	8.E-25	3.E-14	8.E-16	3.E-05	1.E-18	4.E-08	4.E-17	2.E-06
U233	4.E-10	1.E-09	1.E-14	3.E-14	4.E-10	9.E-10	4.E-15	8.E-15	4.E-08	8.E-08	1.E-09	3.E-09	0.	0.
U234	5.E-17	7.E-17	4.E-17	6.E-17	9.E-17	1.E-16	3.E-16	5.E-16	6.E-10	8.E-10	2.E-16	3.E-16	0.	0.
U235	7.E-14	3.E-17	5.E-11	3.E-14	1.E-19	6.E-23	2.E-18	9.E-22	1.E-11	8.E-15	2.E-13	9.E-17	0.	0.
U238	1.E-11	8.E-16	6.E-09	5.E-13	2.E-23	1.E-27	6.E-17	4.E-21	4.E-14	3.E-18	3.E-11	2.E-15	0.	0.
Y90	5.E-08	3.E+00	9.E-12	5.E-04	8.E-08	4.E+00	5.E-11	3.E-03	2.E-03	7.E+04	1.E-07	7.E+00	3.E-07	2.E+01
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	8.E-10	0.	1.E-14	0.	1.E-09	0.	8.E-15	0.	2.E-06	0.	2.E-09	0.	5.E-07	0.
Al	7.E+02	0.	0.	0.	1.E+03	0.	1.E-03	0.	6.E+05	0.	2.E+03	0.	2.E+05	0.
Ba	7.E-04	0.	3.E-08	0.	9.E-04	0.	4.E-09	0.	2.E-02	0.	2.E-03	0.	1.E-01	0.
Bi	7.E-18	0.	4.E-22	0.	1.E-17	0.	1.E-21	0.	4.E-15	0.	2.E-17	0.	4.E-15	0.
C2H3O3	0.	0.	0.	0.	0.	0.	8.E-06	0.	5.E+03	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-103 MOLES	TANK U-103 CURIES	TANK U-104 MOLES	TANK U-104 CURIES	TANK U-105 MOLES	TANK U-105 CURIES	TANK U-106 MOLES	TANK U-106 CURIES	TANK U-107 MOLES	TANK U-107 CURIES	TANK U-108 MOLES	TANK U-108 CURIES	TANK U-109 MOLES	TANK U-109 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	2.E-13	0.	6.E+04	0.	0.	0.	0.	0.
CO3	5.E-01	0.	4.E-03	0.	8.E+00	0.	1.E-03	0.	5.E+04	0.	1.E+00	0.	2.E+03	0.
Ca	2.E-13	0.	0.	0.	0.	0.	5.E-20	0.	2.E-04	0.	0.	0.	0.	0.
Ce	5.E-04	0.	0.	0.	0.	0.	4.E-16	0.	4.E+01	0.	1.E-03	0.	4.E-01	0.
Cl	1.E-15	0.	0.	0.	0.	0.	3.E-20	0.	8.E-05	0.	0.	0.	0.	0.
Cr	6.E-18	0.	0.	0.	8.E-17	0.	7.E-15	0.	8.E+00	0.	2.E-17	0.	5.E-14	0.
EDTA	0.	0.	0.	0.	0.	0.	8.E-06	0.	7.E+03	0.	0.	0.	0.	0.
F	4.E-01	0.	0.	0.	0.	0.	5.E-13	0.	2.E+04	0.	1.E+00	0.	1.E+04	0.
Fe	7.E-32	0.	0.	0.	0.	0.	3.E-06	0.	1.E+04	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	5.E-13	0.	1.E-03	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	2.E-05	0.	1.E+04	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	7.E-09	0.	5.E+03	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	2.E-15	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	1.E-06	0.	2.E+03	0.	0.	0.	0.	0.
NO2	6.E+02	0.	0.	0.	9.E+02	0.	5.E-07	0.	4.E+05	0.	2.E+03	0.	1.E+05	0.
NO3	3.E+03	0.	6.E-04	0.	6.E+03	0.	3.E-02	0.	1.E+06	0.	9.E+03	0.	2.E+06	0.
Na	2.E+03	0.	2.E+06	0.	4.E+03	0.	9.E+01	0.	4.E+05	0.	5.E+03	0.	1.E+06	0.
Ni	0.	0.	0.	0.	0.	0.	1.E-14	0.	7.E-02	0.	0.	0.	0.	0.
OH	1.E+02	0.	5.E+01	0.	2.E+02	0.	9.E+01	0.	1.E+02	0.	1.E+02	0.	2.E+02	0.
PO4	7.E-01	0.	1.E-03	0.	2.E+00	0.	1.E-04	0.	7.E+03	0.	2.E+00	0.	9.E+02	0.
Pb	3.E-13	0.	3.E-18	0.	1.E-13	0.	7.E-19	0.	1.E-03	0.	8.E-13	0.	4.E-11	0.
SiO3	1.E+01	0.	1.E+06	0.	2.E+01	0.	1.E-08	0.	2.E+03	0.	3.E+01	0.	2.E+03	0.
SO4	6.E-01	0.	1.E-03	0.	5.E+00	0.	5.E-04	0.	1.E+04	0.	2.E+00	0.	3.E+03	0.
Sr	0.	0.	0.	0.	0.	0.	7.E-09	0.	2.E+00	0.	0.	0.	0.	0.
ZrO	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK U-110		TANK U-111		TANK U-112		TANK U-201		TANK U-202		TANK U-203		TANK U-204	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	9.E-19	1.E-11	3.E-16	4.E-09	8.E-17	1.E-09	2.E-16	2.E-09	2.E-16	3.E-09	2.E-16	2.E-09	5.E-17	6.E-10
Ac227	4.E-11	7.E-07	5.E-10	9.E-06	5.E-10	8.E-06	7.E-11	1.E-06	8.E-11	1.E-06	7.E-11	1.E-06	2.E-11	3.E-07
Am241	2.E-08	2.E-05	5.E-02	4.E+01	3.E-07	2.E-04	2.E-08	2.E-05	2.E-08	2.E-05	1.E-08	9.E-06	4.E-08	4.E-05
Am242	6.E-17	1.E-08	3.E-10	6.E-02	1.E-15	2.E-07	3.E-16	5.E-08	8.E-17	2.E-08	5.E-17	1.E-08	3.E-16	5.E-08
Am242m	5.E-12	1.E-08	3.E-05	6.E-02	1.E-10	2.E-07	2.E-11	5.E-08	7.E-12	2.E-08	4.E-12	1.E-08	2.E-11	5.E-08
Am243	1.E-10	5.E-09	5.E-04	2.E-02	1.E-09	6.E-08	2.E-10	9.E-09	2.E-10	1.E-08	1.E-10	6.E-09	4.E-10	2.E-08
At217	3.E-26	1.E-11	1.E-23	3.E-09	3.E-24	1.E-09	7.E-24	2.E-09	7.E-24	3.E-09	6.E-24	2.E-09	2.E-24	6.E-10
Ba137m	2.E-08	1.E+03	9.E-08	6.E+03	2.E-06	1.E+05	1.E-12	8.E-02	1.E-12	8.E-02	4.E-13	3.E-02	6.E-08	4.E+03
Bi210	1.E-20	3.E-13	1.E-20	3.E-13	3.E-20	9.E-13	5.E-23	1.E-15	2.E-23	4.E-16	4.E-23	1.E-15	2.E-22	6.E-15
Bi211	8.E-18	7.E-07	4.E-17	3.E-06	9.E-17	8.E-06	1.E-18	1.E-07	3.E-19	3.E-08	8.E-19	7.E-08	4.E-18	3.E-07
Bi213	3.E-21	1.E-11	3.E-19	1.E-09	3.E-19	1.E-09	5.E-20	2.E-10	1.E-20	6.E-11	4.E-20	2.E-10	1.E-19	6.E-10
Bi214	8.E-23	8.E-13	4.E-22	4.E-12	3.E-22	3.E-12	7.E-25	6.E-15	2.E-25	2.E-15	6.E-25	6.E-15	3.E-24	3.E-14
C14	3.E-03	2.E-01	3.E-02	2.E+00	3.E-01	2.E+01	4.E-02	3.E+00	4.E-02	3.E+00	4.E-02	2.E+00	1.E-02	7.E-01
Cm242	1.E-14	1.E-08	6.E-08	5.E-02	3.E-13	2.E-07	5.E-13	4.E-07	1.E-13	1.E-07	1.E-13	1.E-07	6.E-14	4.E-08
Cm244	7.E-09	1.E-04	5.E-06	1.E-01	3.E-07	5.E-03	5.E-08	9.E-04	6.E-08	1.E-03	5.E-08	1.E-03	2.E-08	4.E-04
Cm245	7.E-11	3.E-09	1.E-07	4.E-06	2.E-09	9.E-08	4.E-10	2.E-08	6.E-10	3.E-08	6.E-10	2.E-08	2.E-10	8.E-09
Cs135	4.E-02	6.E-03	7.E-01	1.E-01	6.E+00	1.E+00	9.E-01	1.E-01	9.E-01	1.E-01	8.E-01	1.E-01	2.E-01	3.E-02
Cs137	1.E-01	1.E+03	2.E+00	3.E+04	1.E+01	1.E+05	2.E+00	2.E+04	2.E+00	2.E+04	1.E+00	2.E+04	4.E-01	5.E+03
Fr221	3.E-22	1.E-11	9.E-20	4.E-09	3.E-20	1.E-09	6.E-20	2.E-09	7.E-20	3.E-09	6.E-20	2.E-09	2.E-20	6.E-10
Fr223	1.E-18	9.E-09	1.E-17	1.E-07	1.E-17	1.E-07	2.E-18	2.E-08	2.E-18	2.E-08	2.E-18	2.E-08	5.E-19	4.E-09
I129	2.E-02	5.E-04	2.E+00	4.E-02	2.E+00	5.E-02	3.E-01	8.E-03	3.E-01	8.E-03	3.E-01	7.E-03	8.E-02	2.E-03
Nb93m	4.E-07	1.E-02	6.E-05	2.E+00	4.E-06	1.E-01	3.E-07	7.E-03	3.E-07	7.E-03	2.E-07	7.E-03	7.E-08	2.E-03
Ni63	9.E-04	3.E+00	5.E-06	2.E-02	9.E-02	3.E+02	1.E-02	4.E+01	1.E-02	4.E+01	6.E-03	2.E+01	3.E-03	1.E+01
Np237	8.E-03	1.E-03	3.E-01	5.E-02	7.E-01	1.E-01	1.E-01	2.E-02	1.E-01	2.E-02	1.E-01	2.E-02	3.E-02	5.E-03
Np239	9.E-17	5.E-09	4.E-10	2.E-02	1.E-15	6.E-08	1.E-15	7.E-08	1.E-15	8.E-08	1.E-15	7.E-08	4.E-16	2.E-08
Pa231	1.E-07	1.E-06	2.E-06	2.E-05	1.E-06	1.E-05	2.E-07	2.E-06	2.E-07	2.E-06	2.E-07	2.E-06	5.E-08	5.E-07
Pa233	3.E-10	1.E-03	9.E-09	5.E-02	3.E-08	1.E-01	4.E-09	2.E-02	4.E-09	2.E-02	4.E-09	2.E-02	1.E-09	5.E-03
Pa234m	1.E-25	2.E-14	3.E-25	5.E-14	6.E-35	1.E-23	2.E-20	2.E-09	1.E-34	2.E-23	1.E-34	2.E-23	6.E-35	9.E-24
Pb209	1.E-20	1.E-11	4.E-18	4.E-09	1.E-18	1.E-09	3.E-18	2.E-09	3.E-18	3.E-09	2.E-18	2.E-09	6.E-19	6.E-10
Pb210	2.E-17	3.E-13	5.E-17	8.E-13	5.E-17	8.E-13	9.E-19	1.E-14	1.E-18	2.E-14	1.E-18	2.E-14	3.E-19	5.E-15
Pb211	1.E-16	7.E-07	2.E-15	9.E-06	2.E-15	8.E-06	2.E-16	1.E-06	2.E-16	1.E-06	2.E-16	1.E-06	6.E-17	3.E-07
Pb214	1.E-22	8.E-13	1.E-21	1.E-11	4.E-22	3.E-12	1.E-23	8.E-14	1.E-23	1.E-13	1.E-23	9.E-14	4.E-24	3.E-14
Pd107	1.E-02	8.E-04	1.E+00	6.E-02	1.E+00	7.E-02	2.E-01	1.E-02	2.E-01	1.E-02	2.E-01	1.E-02	5.E-02	3.E-03
Po210	3.E-19	3.E-13	7.E-19	7.E-13	9.E-19	8.E-13	1.E-20	1.E-14	2.E-20	2.E-14	2.E-20	2.E-14	5.E-21	5.E-15
Po213	4.E-30	1.E-11	1.E-27	3.E-09	4.E-28	1.E-09	9.E-28	2.E-09	9.E-28	3.E-09	8.E-28	2.E-09	2.E-28	6.E-10

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-110 MOLES	TANK U-110 CURIES	TANK U-111 MOLES	TANK U-111 CURIES	TANK U-112 MOLES	TANK U-112 CURIES	TANK U-201 MOLES	TANK U-201 CURIES	TANK U-202 MOLES	TANK U-202 CURIES	TANK U-203 MOLES	TANK U-203 CURIES	TANK U-204 MOLES	TANK U-204 CURIES
Po214	1.E-29	9.E-13	2.E-28	1.E-11	5.E-29	4.E-12	1.E-30	1.E-13	2.E-30	1.E-13	2.E-30	1.E-13	5.E-31	4.E-14
Po215	1.E-22	7.E-07	1.E-21	9.E-06	1.E-21	8.E-06	2.E-22	1.E-06	2.E-22	1.E-06	2.E-22	1.E-06	5.E-23	3.E-07
Po218	1.E-23	8.E-13	2.E-22	1.E-11	5.E-23	3.E-12	1.E-24	8.E-14	2.E-24	1.E-13	2.E-24	9.E-14	5.E-25	3.E-14
Pu238	0.	0.	2.E-07	7.E-04	5.E-10	2.E-06	0.	0.	0.	0.	0.	0.	3.E-07	1.E-03
Pu239	0.	0.	1.E-06	2.E-05	3.E-12	4.E-11	0.	0.	0.	0.	0.	0.	2.E-12	3.E-11
Pu240	0.	0.	5.E-07	3.E-05	7.E-08	4.E-06	0.	0.	0.	0.	0.	0.	3.E-08	2.E-06
Pu241	0.	0.	5.E-09	1.E-04	1.E-12	3.E-08	0.	0.	0.	0.	0.	0.	2.E-13	6.E-09
Ra223	6.E-14	7.E-07	7.E-13	9.E-06	7.E-13	8.E-06	1.E-13	1.E-06	1.E-13	1.E-06	1.E-13	1.E-06	3.E-14	3.E-07
Ra225	1.E-18	1.E-11	4.E-16	4.E-09	1.E-16	1.E-09	3.E-16	2.E-09	3.E-16	3.E-09	3.E-16	2.E-09	7.E-17	6.E-10
Ra226	3.E-15	8.E-13	5.E-14	1.E-11	1.E-14	3.E-12	4.E-16	8.E-14	5.E-16	1.E-13	4.E-16	9.E-14	1.E-16	3.E-14
Ru106	5.E-10	2.E-04	1.E-08	4.E-03	4.E-10	1.E-04	1.E-12	5.E-07	1.E-12	4.E-07	1.E-12	4.E-07	4.E-13	1.E-07
Sb126	3.E-22	3.E-15	2.E-13	2.E-06	2.E-17	2.E-10	1.E-17	1.E-10	1.E-21	1.E-14	5.E-18	5.E-11	3.E-18	3.E-11
Sb126m	3.E-25	3.E-15	2.E-16	2.E-06	2.E-20	2.E-10	1.E-20	1.E-10	1.E-24	1.E-14	5.E-21	5.E-11	3.E-21	3.E-11
Se79	2.E-03	9.E-03	1.E-01	7.E-01	2.E-01	9.E-01	2.E-02	1.E-01	3.E-02	1.E-01	2.E-02	1.E-01	6.E-03	3.E-02
Sm151	1.E-09	6.E-06	3.E-01	1.E+03	2.E-08	7.E-05	1.E-09	5.E-06	1.E-09	5.E-06	7.E-10	3.E-06	2.E-09	9.E-06
Sn126	9.E-16	3.E-15	3.E-01	9.E-01	6.E-11	2.E-10	4.E-16	1.E-15	4.E-16	1.E-15	2.E-16	8.E-16	9.E-12	3.E-11
Sr90	8.E-02	9.E+02	2.E+00	2.E+04	3.E-01	3.E+03	2.E-03	2.E+01	2.E-03	2.E+01	1.E-03	2.E+01	5.E-04	6.E+00
Tc99	2.E-01	3.E-01	1.E+01	2.E+01	2.E+01	3.E+01	3.E+00	5.E+00	3.E+00	5.E+00	3.E+00	4.E+00	7.E-01	1.E+00
Th227	8.E-22	6.E-15	1.E-12	8.E-06	1.E-12	8.E-06	2.E-21	1.E-14	2.E-21	1.E-14	2.E-21	1.E-14	4.E-14	3.E-07
Th229	3.E-21	2.E-19	7.E-11	3.E-09	2.E-11	1.E-09	4.E-19	2.E-17	4.E-19	2.E-17	4.E-19	2.E-17	1.E-11	6.E-10
Th230	2.E-28	9.E-28	3.E-10	2.E-09	2.E-16	9.E-16	5.E-20	3.E-19	5.E-20	3.E-19	5.E-20	3.E-19	2.E-12	9.E-12
Th231	1.E-31	1.E-23	9.E-23	1.E-14	2.E-27	2.E-19	1.E-26	2.E-18	2.E-34	2.E-26	2.E-34	2.E-26	5.E-27	6.E-19
Th234	5.E-29	3.E-22	1.E-20	5.E-14	2.E-30	1.E-23	7.E-24	4.E-17	5.E-38	3.E-31	5.E-38	3.E-31	2.E-30	9.E-24
Tl207	2.E-17	7.E-07	2.E-16	9.E-06	2.E-16	8.E-06	3.E-17	1.E-06	3.E-17	1.E-06	3.E-17	1.E-06	8.E-18	3.E-07
U233	3.E-09	8.E-09	1.E-08	3.E-08	2.E-06	3.E-06	2.E-13	4.E-13	4.E-10	9.E-10	2.E-10	4.E-10	2.E-07	5.E-07
U234	7.E-16	1.E-15	2.E-10	3.E-10	2.E-11	3.E-11	2.E-14	4.E-14	7.E-11	1.E-10	3.E-11	4.E-11	5.E-08	8.E-08
U235	3.E-13	2.E-16	5.E-12	3.E-15	5.E-16	2.E-19	5.E-14	2.E-17	2.E-18	1.E-21	8.E-19	4.E-22	1.E-15	6.E-19
U238	5.E-11	4.E-15	1.E-13	1.E-17	1.E-19	1.E-23	6.E-12	5.E-16	1.E-22	9.E-27	5.E-23	4.E-27	1.E-19	9.E-24
Y90	2.E-06	1.E+02	4.E-04	2.E+04	7.E-05	4.E+03	3.E-07	1.E+01	3.E-07	1.E+01	2.E-07	9.E+00	1.E-07	6.E+00
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	4.E-08	0.	8.E-07	0.	4.E-06	0.	6.E-07	0.	6.E-07	0.	5.E-07	0.	1.E-07	0.
Al	3.E+04	0.	2.E+05	0.	1.E+06	0.	3.E+05	0.	3.E+05	0.	3.E+05	0.	9.E+04	0.
Ba	3.E-02	0.	8.E-03	0.	2.E+00	0.	6.E-06	0.	6.E-06	0.	2.E-06	0.	3.E-01	0.
Bi	3.E-16	0.	2.E-15	0.	1.E-14	0.	4.E-15	0.	1.E-15	0.	3.E-15	0.	1.E-14	0.
C2H3O3	0.	0.	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-110 MOLES	TANK U-110 CURIES	TANK U-111 MOLES	TANK U-111 CURIES	TANK U-112 MOLES	TANK U-112 CURIES	TANK U-201 MOLES	TANK U-201 CURIES	TANK U-202 MOLES	TANK U-202 CURIES	TANK U-203 MOLES	TANK U-203 CURIES	TANK U-204 MOLES	TANK U-204 CURIES
C6H5O7	0.	0.	2.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	2.E+01	0.	1.E+04	0.	1.E+05	0.	7.E+03	0.	7.E+03	0.	6.E+03	0.	1.E+03	0.
Ca	0.	0.	6.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	2.E-02	0.	1.E+01	0.	1.E+02	0.	7.E+00	0.	7.E+00	0.	6.E+00	0.	1.E+00	0.
Cl	0.	0.	2.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	3.E-16	0.	2.E+00	0.	6.E-05	0.	9.E-15	0.	9.E-15	0.	6.E-15	0.	2.E-14	0.
EDTA	0.	0.	2.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	2.E+01	0.	5.E+03	0.	6.E+04	0.	6.E+03	0.	6.E+03	0.	5.E+03	0.	1.E+03	0.
Fe	0.	0.	4.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	2.E-04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	4.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	5.E-16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	4.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	2.E+04	0.	1.E+05	0.	2.E+05	0.	1.E+05	0.	2.E+05	0.	1.E+05	0.	5.E+04	0.
NO3	2.E+05	0.	4.E+05	0.	4.E+06	0.	7.E+05	0.	7.E+05	0.	6.E+05	0.	5.E+05	0.
Na	8.E+04	0.	9.E+04	0.	1.E+06	0.	3.E+04	0.	3.E+04	0.	1.E+04	0.	3.E+05	0.
Ni	0.	0.	8.E-02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OH	1.E+01	0.	5.E+01	0.	3.E+01	0.	2.E+00	0.	2.E+00	0.	1.E+00	0.	5.E+00	0.
PO4	3.E+01	0.	2.E+03	0.	3.E+01	0.	4.E-01	0.	7.E-01	0.	1.E-01	0.	2.E+03	0.
Pb	1.E-11	0.	2.E-04	0.	2.E-10	0.	4.E-11	0.	4.E-11	0.	3.E-11	0.	9.E-12	0.
SiO3	5.E+02	0.	5.E+02	0.	2.E+04	0.	3.E+03	0.	4.E+03	0.	3.E+03	0.	1.E+03	0.
SO4	2.E+01	0.	4.E+03	0.	8.E+04	0.	8.E+03	0.	7.E+03	0.	7.E+03	0.	2.E+03	0.
Sr	0.	0.	6.E-01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	0.	0.	0.	0.	5.E-02	0.	0.	0.	0.	0.	0.	0.	4.E-04	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981

COMPONENT	TANK 0-0-S MOLES	TANK 0-0-S CURIES	TANK UR MOLES	TANK UR CURIES	TANK CSR MOLES	TANK CSR CURIES	TANK SRR MOLES	TANK SRR CURIES	TANK 242-B MOLES	TANK 242-B CURIES	TANK 242-T MOLES	TANK 242-T CURIES
Ac225	3.E-14	4.E-07	0.	0.	3.E-17	4.E-10	4.E-15	5.E-08	3.E-24	4.E-17	2.E-24	2.E-17
Ac227	2.E-07	4.E-03	0.	0.	5.E-10	8.E-06	4.E-10	6.E-06	5.E-17	8.E-13	3.E-18	5.E-14
Am241	6.E-02	5.E+01	5.E-35	4.E-32	7.E-02	6.E+01	9.E-02	7.E+01	1.E-14	1.E-11	7.E-15	6.E-12
Am242	2.E-12	4.E-04	0.	0.	5.E-10	1.E-01	3.E-10	6.E-02	7.E-23	1.E-14	9.E-24	2.E-15
Am242m	2.E-07	4.E-04	0.	0.	4.E-05	1.E-01	2.E-05	6.E-02	6.E-18	1.E-14	8.E-19	2.E-15
Am243	2.E-05	1.E-03	2.E-37	9.E-36	1.E-03	5.E-02	7.E-04	3.E-02	1.E-17	7.E-16	6.E-17	3.E-15
At217	1.E-21	4.E-07	0.	0.	1.E-24	4.E-10	1.E-22	5.E-08	1.E-31	4.E-17	6.E-32	2.E-17
Ba137m	4.E-05	3.E+06	0.	0.	9.E-08	7.E+03	6.E-07	5.E+04	5.E-15	4.E-04	1.E-15	9.E-05
Bi210	5.E-17	1.E-09	0.	0.	1.E-19	3.E-12	1.E-18	3.E-11	5.E-28	1.E-20	3.E-29	8.E-22
Bi211	4.E-14	4.E-03	0.	0.	9.E-17	8.E-06	7.E-17	6.E-06	9.E-24	8.E-13	5.E-25	5.E-14
Bi213	1.E-16	5.E-07	0.	0.	1.E-19	5.E-10	1.E-17	5.E-08	1.E-26	5.E-17	5.E-27	2.E-17
Bi214	7.E-19	7.E-09	0.	0.	2.E-21	2.E-11	2.E-20	2.E-10	2.E-30	2.E-20	2.E-31	1.E-21
C14	8.E+00	5.E+02	6.E-36	4.E-34	4.E-01	3.E+01	2.E+00	1.E+02	9.E-10	6.E-08	1.E-10	7.E-09
Cm242	4.E-10	4.E-04	0.	0.	1.E-07	8.E-02	6.E-08	5.E-02	1.E-20	1.E-14	2.E-21	1.E-15
Cm244	1.E-05	3.E-01	0.	0.	2.E-05	4.E-01	1.E-05	3.E-01	4.E-17	8.E-13	3.E-16	7.E-12
Cm245	2.E-07	7.E-06	0.	0.	5.E-07	2.E-05	3.E-07	1.E-05	4.E-19	2.E-17	3.E-18	1.E-16
Cs135	2.E+02	3.E+01	6.E-33	1.E-33	1.E-01	2.E-02	8.E-01	1.E-01	3.E-08	5.E-09	7.E-09	1.E-09
Cs137	3.E+02	4.E+06	7.E-33	8.E-29	6.E-01	7.E+03	4.E+00	5.E+04	3.E-08	4.E-04	8.E-09	1.E-04
Fr221	1.E-17	4.E-07	0.	0.	1.E-20	4.E-10	1.E-18	5.E-08	1.E-27	4.E-17	5.E-28	2.E-17
Fr223	6.E-15	5.E-05	0.	0.	1.E-17	1.E-07	1.E-17	8.E-08	1.E-24	1.E-14	8.E-26	7.E-16
I129	6.E+01	1.E+00	3.E-33	7.E-35	3.E+00	7.E-02	1.E+00	3.E-02	7.E-09	2.E-10	2.E-09	4.E-11
Nb93m	3.E-04	8.E+00	2.E-37	4.E-33	2.E-04	6.E+00	4.E-03	9.E+01	3.E-14	8.E-10	4.E-15	1.E-10
Ni63	3.E-01	1.E+03	3.E-36	1.E-32	5.E-02	2.E+02	7.E+00	3.E+04	4.E-10	1.E-06	5.E-11	2.E-07
Np237	2.E+01	3.E+00	8.E-34	1.E-34	6.E-01	9.E-02	2.E-01	4.E-02	2.E-09	3.E-10	9.E-10	2.E-10
Np239	2.E-11	1.E-03	0.	0.	9.E-10	5.E-02	6.E-10	3.E-02	1.E-23	6.E-16	5.E-23	3.E-15
Pa231	6.E-04	7.E-03	3.E-39	3.E-38	2.E-06	2.E-05	3.E-06	3.E-05	1.E-13	1.E-12	7.E-15	8.E-14
Pa233	7.E-07	4.E+00	0.	0.	2.E-08	9.E-02	8.E-09	4.E-02	7.E-17	3.E-10	3.E-17	2.E-10
Pa234m	3.E-10	5.E+01	0.	0.	2.E-29	3.E-18	1.E-11	2.E+00	2.E-31	4.E-20	5.E-32	9.E-21
Pb209	5.E-16	4.E-07	0.	0.	5.E-19	4.E-10	5.E-17	5.E-08	5.E-26	4.E-17	2.E-26	2.E-17
Pb210	8.E-14	1.E-09	0.	0.	2.E-16	3.E-12	2.E-15	3.E-11	8.E-25	1.E-20	5.E-26	8.E-22
Pb211	7.E-13	4.E-03	0.	0.	2.E-15	8.E-06	1.E-15	6.E-06	1.E-22	8.E-13	9.E-24	5.E-14
Pb214	1.E-18	7.E-09	0.	0.	3.E-21	2.E-11	2.E-20	2.E-10	3.E-30	2.E-20	2.E-31	1.E-21
Pd107	4.E+01	2.E+00	2.E-33	8.E-35	2.E+00	1.E-01	1.E+00	5.E-02	4.E-09	2.E-10	9.E-10	5.E-11
Po210	1.E-15	1.E-09	0.	0.	3.E-18	3.E-12	3.E-17	3.E-11	1.E-26	1.E-20	9.E-28	8.E-22
Po213	2.E-25	4.E-07	0.	0.	2.E-28	4.E-10	2.E-26	5.E-08	2.E-35	4.E-17	8.E-36	2.E-17

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK O-O-S MOLES	TANK O-O-S CURIES	TANK UR MOLES	TANK UR CURIES	TANK CSR MOLES	TANK CSR CURIES	TANK SRR MOLES	TANK SRR CURIES	TANK 242-B MOLES	TANK 242-B CURIES	TANK 242-T MOLES	TANK 242-T CURIES
Po214	1.E-25	8.E-09	0.	0.	4.E-28	3.E-11	3.E-27	2.E-10	4.E-37	3.E-20	3.E-38	2.E-21
Po215	6.E-19	4.E-03	0.	0.	1.E-21	8.E-06	9.E-22	6.E-06	1.E-28	8.E-13	7.E-30	5.E-14
Po218	1.E-19	7.E-09	0.	0.	4.E-22	2.E-11	3.E-21	2.E-10	4.E-31	2.E-20	2.E-32	1.E-21
Pu238	3.E-02	1.E+02	8.E-37	3.E-33	8.E-07	3.E-03	5.E-03	2.E+01	4.E-16	1.E-12	2.E-16	7.E-13
Pu239	2.E+01	3.E+02	8.E-34	1.E-32	1.E-06	2.E-05	3.E+01	4.E+02	3.E-20	5.E-19	1.E-19	2.E-18
Pu240	1.E+00	6.E+01	5.E-35	3.E-33	5.E-06	3.E-04	2.E+00	1.E+02	7.E-17	4.E-15	6.E-16	3.E-14
Pu241	3.E-02	6.E+02	2.E-36	5.E-32	4.E-09	1.E-04	9.E-02	2.E+03	5.E-22	1.E-17	4.E-21	1.E-16
Ra223	3.E-10	4.E-03	0.	0.	7.E-13	8.E-06	5.E-13	6.E-06	7.E-20	8.E-13	4.E-21	5.E-14
Ra225	5.E-14	4.E-07	0.	0.	5.E-17	5.E-10	5.E-15	5.E-08	5.E-24	4.E-17	2.E-24	2.E-17
Ra226	3.E-11	7.E-09	0.	0.	1.E-13	2.E-11	7.E-13	2.E-10	1.E-22	2.E-20	7.E-24	1.E-21
Ru106	5.E-09	2.E-03	0.	0.	4.E-06	1.E+00	5.E-03	2.E+03	1.E-20	4.E-15	9.E-21	3.E-15
Sb126	7.E-09	7.E-02	0.	0.	5.E-15	5.E-08	5.E-06	5.E+01	1.E-28	2.E-21	4.E-29	4.E-22
Sb126m	7.E-12	7.E-02	0.	0.	5.E-18	5.E-08	5.E-09	5.E+01	2.E-31	2.E-21	4.E-32	4.E-22
Se79	5.E+00	3.E+01	2.E-34	1.E-33	2.E-01	1.E+00	1.E-01	5.E-01	5.E-10	3.E-09	1.E-10	6.E-10
Sm151	3.E-02	1.E+02	2.E-34	6.E-31	3.E-08	1.E-04	1.E+01	6.E+04	7.E-16	3.E-12	4.E-16	1.E-12
Sn126	2.E-02	7.E-02	4.E-34	1.E-33	1.E-08	5.E-08	1.E+01	5.E+01	4.E-22	1.E-21	1.E-22	4.E-22
Sr90	1.E+02	2.E+06	7.E-33	8.E-29	8.E+00	1.E+05	3.E+01	3.E+05	2.E-09	2.E-05	1.E-09	1.E-05
Tc99	5.E+02	9.E+02	2.E-32	4.E-32	3.E+01	4.E+01	1.E+01	2.E+01	6.E-08	1.E-07	1.E-08	3.E-08
Th227	5.E-10	4.E-03	0.	0.	1.E-12	8.E-06	8.E-13	6.E-06	1.E-19	7.E-13	6.E-21	5.E-14
Th229	9.E-09	4.E-07	9.E-38	5.E-36	1.E-11	5.E-10	1.E-09	5.E-08	9.E-19	4.E-17	4.E-19	2.E-17
Th230	4.E-07	2.E-06	0.	0.	7.E-14	3.E-13	2.E-08	8.E-08	3.E-21	1.E-20	1.E-21	7.E-21
Th231	2.E-08	2.E+00	0.	0.	6.E-22	8.E-14	9.E-10	1.E-01	1.E-29	2.E-21	4.E-30	4.E-22
Th234	9.E-06	5.E+01	0.	0.	6.E-25	3.E-18	4.E-07	2.E+00	6.E-27	4.E-20	2.E-27	9.E-21
Tl207	1.E-13	4.E-03	0.	0.	2.E-16	8.E-06	1.E-16	6.E-06	2.E-23	8.E-13	1.E-24	5.E-14
U233	2.E-04	4.E-04	0.	0.	9.E-07	2.E-06	3.E-05	6.E-05	2.E-14	4.E-14	8.E-15	2.E-14
U234	9.E-03	1.E-02	3.E-37	5.E-37	2.E-08	2.E-08	8.E-04	1.E-03	8.E-17	1.E-16	4.E-17	6.E-17
U235	4.E+03	2.E+00	6.E-33	3.E-36	1.E-10	8.E-14	2.E+02	1.E-01	3.E-18	2.E-21	9.E-19	4.E-22
U238	6.E+05	5.E+01	8.E-31	6.E-35	4.E-14	3.E-18	3.E+04	2.E+00	4.E-16	4.E-20	1.E-16	9.E-21
Y90	4.E-02	2.E+06	2.E-36	9.E-29	2.E-03	1.E+05	7.E-03	4.E+05	5.E-13	2.E-05	3.E-13	1.E-05
Zr93	2.E+00	4.E-01	2.E-32	6.E-33	0.	0.	1.E+03	3.E+02	0.	0.	0.	0.
Ag	1.E-04	0.	0.	0.	4.E-08	0.	2.E-08	0.	1.E-14	0.	3.E-15	0.
Al	2.E+07	0.	0.	0.	1.E+04	0.	1.E+06	0.	2.E-04	0.	2.E-03	0.
Ba	2.E+02	0.	7.E-33	0.	9.E-02	0.	7.E+02	0.	3.E-08	0.	7.E-09	0.
Bi	2.E+07	0.	2.E-37	0.	6.E-15	0.	6.E-13	0.	2.E-21	0.	5.E-22	0.
C2H3O3	0.	0.	0.	0.	0.	0.	3.E+04	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLUTIONS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK O-O-S MOLES	TANK O-O-S CURIES	TANK UR MOLES	TANK UR CURIES	TANK CSR MOLES	TANK CSR CURIES	TANK SRR MOLES	TANK SRR CURIES	TANK 242-B MOLES	TANK 242-B CURIES	TANK 242-T MOLES	TANK 242-T CURIES
C6H5O7	4.E+02	0.	0.	0.	2.E+04	0.	1.E+04	0.	0.	0.	0.	0.
CO3	7.E+07	0.	3.E-27	0.	1.E+04	0.	8.E+05	0.	2.E-02	0.	5.E-04	0.
Ca	7.E-01	0.	0.	0.	2.E-02	0.	1.E+03	0.	0.	0.	0.	0.
Ce	2.E+04	0.	-1.E-39	0.	1.E-02	0.	9.E-04	0.	2.E-07	0.	4.E-06	0.
Cl	2.E-02	0.	8.E-37	0.	9.E-08	0.	1.E-08	0.	4.E-12	0.	2.E-13	0.
Cr	3.E+04	0.	-5.E-38	0.	3.E-05	0.	6.E+03	0.	3.E-21	0.	3.E-21	0.
EDTA	0.	0.	0.	0.	0.	0.	4.E+04	0.	0.	0.	0.	0.
F	3.E+07	0.	0.	0.	1.E+03	0.	9.E+01	0.	2.E-04	0.	1.E-03	0.
Fe	5.E+05	0.	5.E-35	0.	3.E+03	0.	3.E+05	0.	2.E-28	0.	1.E-29	0.
Fe(CN)6	3.E+05	0.	6.E-39	0.	2.E-03	0.	2.E-01	0.	0.	0.	0.	0.
HEDTA	0.	0.	0	0.	3.E+00	0.	9.E+04	0.	0.	0.	0.	0.
K	1.E+06	0.	0.	0.	6.E+02	0.	2.E+02	0.	0.	0.	0.	0.
La	1.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	9.E+02	0.	0.	0.	3.E+03	0.	2.E+04	0.	0.	0.	0.	0.
NO2	1.E+07	0.	0.	0.	2.E+04	0.	6.E+03	0.	2.E-04	0.	0.	0.
NO3	3.E+08	0.	2.E-28	0.	4.E+05	0.	5.E+05	0.	2.E-02	0.	3.E-02	0.
Na	6.E+08	0.	6.E-27	0.	5.E+05	0.	2.E+06	0.	6.E-02	0.	3.E-02	0.
Ni	1.E+04	0.	1.E-38	0.	3.E+02	0.	2.E+04	0.	0.	0.	0.	0.
OH	1.E+06	0.	8.E-31	0.	3.E+03	0.	5.E+06	0.	2.E-06	0.	5.E-07	0.
PO4	7.E+07	0.	4.E-28	0.	5.E+02	0.	1.E+02	0.	4.E-03	0.	5.E-04	0.
Pb	3.E-03	0.	1.E-37	0.	1.E-02	0.	4.E+02	0.	3.E-17	0.	2.E-18	0.
SiO3	6.E+06	0.	0.	0.	9.E+02	0.	2.E+02	0.	6.E-05	0.	5.E-04	0.
SO4	3.E+07	0.	4.E-28	0.	3.E+03	0.	2.E+03	0.	4.E-03	0.	1.E-03	0.
Sr	2.E+05	0.	0.	0.	8.E-02	0.	3.E-03	0.	0.	0.	0.	0.
ZrO	1.E+02	0.	6.E-33	0.	1.E+00	0.	2.E+02	0.	2.E-09	0.	9.E-10	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK A-101 MOLES	TANK A-101 CURIES	TANK A-102 MOLES	TANK A-102 CURIES	TANK A-103 MOLES	TANK A-103 CURIES	TANK A-104 MOLES	TANK A-104 CURIES	TANK A-105 MOLES	TANK A-105 CURIES	TANK A-106 MOLES	TANK A-106 CURIES	TANK AW-101 MOLES	TANK AW-101 CURIES
Ac225	2.E-14	3.E-07	6.E-16	8.E-09	9.E-16	1.E-08	2.E-14	3.E-07	6.E-17	8.E-10	1.E-14	1.E-07	0.	0.
Ac227•	2.E-10	3.E-06	3.E-12	4.E-08	8.E-12	1.E-07	5.E-11	9.E-07	2.E-19	4.E-15	9.E-11	2.E-06	0.	0.
Am241	1.E+00	9.E+02	4.E-03	3.E+00	8.E-03	7.E+00	1.E+00	8.E+02	8.E-11	6.E-08	3.E-01	3.E+02	0.	0.
Am242•	5.E-09	1.E+00	0.	0.	0.	0.	4.E-09	9.E-01	0.	0.	1.E-09	2.E-01	0.	0.
Am242m•	4.E-04	1.E+00	0.	0.	0.	0.	4.E-04	9.E-01	0.	0.	9.E-05	2.E-01	0.	0.
Am243	7.E-03	3.E-01	0.	0.	0.	0.	7.E-03	3.E-01	0.	0.	1.E-03	7.E-02	0.	0.
At217	8.E-22	3.E-07	2.E-23	8.E-09	3.E-23	1.E-08	8.E-22	3.E-07	2.E-24	8.E-10	4.E-22	1.E-07	0.	0.
Ba137m	0.	0.	5.E-06	4.E+05	0.	0.	0.	0.	6.E-07	4.E+04	0.	0.	0.	0.
Bi210•	2.E-18	6.E-11	5.E-18	1.E-10	1.E-18	3.E-11	5.E-19	1.E-11	2.E-21	6.E-14	2.E-18	5.E-11	0.	0.
Bi211	3.E-17	3.E-06	8.E-16	7.E-05	1.E-18	1.E-07	1.E-17	9.E-07	2.E-17	2.E-06	2.E-17	2.E-06	0.	0.
Bi213	7.E-17	3.E-07	1.E-16	5.E-07	3.E-18	1.E-08	7.E-17	3.E-07	4.E-19	2.E-09	3.E-17	1.E-07	0.	0.
Bi214	3.E-20	3.E-10	2.E-19	2.E-09	2.E-21	2.E-11	2.E-20	2.E-10	2.E-23	2.E-13	2.E-20	2.E-10	0.	0.
C14•	0.	0.	7.E+00	4.E+02	9.E-04	6.E-02	0.	0.	0.	0.	9.E-04	6.E-02	0.	0.
Cm242•	1.E-06	8.E-01	0.	0.	0.	0.	9.E-07	7.E-01	0.	0.	2.E-07	2.E-01	0.	0.
Cm244•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	7.E-18	3.E-07	2.E-19	8.E-09	3.E-19	1.E-08	7.E-18	3.E-07	2.E-20	8.E-10	3.E-18	1.E-07	0.	0.
Fr223	5.E-18	4.E-08	7.E-20	6.E-10	2.E-19	2.E-09	1.E-18	1.E-08	6.E-27	5.E-17	3.E-18	2.E-08	0.	0.
I129•	0.	0.	1.E-05	3.E-07	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m•	6.E-03	2.E+02	4.E-04	1.E+01	1.E-03	3.E+01	2.E-03	4.E+01	7.E-12	2.E-07	4.E-03	1.E+02	0.	0.
Ni63•	1.E+01	5.E+04	4.E+00	1.E+04	5.E+00	2.E+04	2.E+00	8.E+03	0.	0.	1.E+01	4.E+04	0.	0.
Np237•	9.E-03	2.E-03	5.E-06	9.E-07	2.E-05	3.E-06	9.E-03	2.E-03	6.E-13	1.E-13	3.E-03	5.E-04	0.	0.
Np239•	6.E-09	3.E-01	0.	0.	0.	0.	6.E-09	3.E-01	0.	0.	1.E-09	7.E-02	0.	0.
Pa231•	3.E-06	3.E-05	1.E-07	2.E-06	3.E-07	3.E-06	9.E-07	1.E-05	2.E-15	3.E-14	2.E-06	2.E-05	0.	0.
Pa233•	3.E-10	2.E-03	2.E-13	8.E-07	6.E-13	3.E-06	3.E-10	2.E-03	2.E-20	1.E-13	1.E-10	5.E-04	0.	0.
Pa234m	5.E-11	7.E+00	6.E-12	1.E+00	8.E-12	1.E+00	1.E-11	2.E+00	3.E-20	5.E-09	2.E-11	4.E+00	0.	0.
Pb209	3.E-16	3.E-07	5.E-16	5.E-07	1.E-17	1.E-08	3.E-16	3.E-07	8.E-19	8.E-10	1.E-16	1.E-07	0.	0.
Pb210•	3.E-15	6.E-11	8.E-15	1.E-10	2.E-15	2.E-11	8.E-16	1.E-11	9.E-21	1.E-16	3.E-15	5.E-11	0.	0.
Pb211	5.E-16	3.E-06	1.E-14	7.E-05	2.E-17	1.E-07	2.E-16	8.E-07	7.E-25	4.E-15	3.E-16	1.E-06	0.	0.
Pb214	4.E-20	3.E-10	2.E-19	2.E-09	2.E-21	2.E-11	2.E-20	2.E-10	2.E-25	2.E-15	2.E-20	2.E-10	0.	0.
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210•	6.E-17	6.E-11	5.E-17	5.E-11	3.E-17	3.E-11	1.E-17	1.E-11	1.E-22	1.E-16	5.E-17	5.E-11	0.	0.
Po213	1.E-25	3.E-07	3.E-27	8.E-09	4.E-27	1.E-08	1.E-25	3.E-07	3.E-28	8.E-10	5.E-26	1.E-07	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK A-101 MOLES	TANK A-101 CURIES	TANK A-102 MOLES	TANK A-102 CURIES	TANK A-103 MOLES	TANK A-103 CURIES	TANK A-104 MOLES	TANK A-104 CURIES	TANK A-105 MOLES	TANK A-105 CURIES	TANK A-106 MOLES	TANK A-106 CURIES	TANK AW-101 MOLES	TANK AW-101 CURIES
Po214	5.E-27	3.E-10	9.E-29	7.E-12	3.E-28	2.E-11	3.E-27	2.E-10	3.E-32	2.E-15	3.E-27	2.E-10	0.	0.
Po215	4.E-22	3.E-06	6.E-24	4.E-08	2.E-23	1.E-07	1.E-22	9.E-07	6.E-31	4.E-15	2.E-22	2.E-06	0.	0.
Po218	4.E-21	3.E-10	9.E-23	5.E-12	2.E-22	2.E-11	3.E-21	2.E-10	3.E-26	2.E-15	2.E-21	2.E-10	0.	0.
Pu238	2.E-02	9.E+01	4.E-03	1.E+01	5.E-03	2.E+01	4.E-03	2.E+01	1.E-07	5.E-04	1.E-02	5.E+01	0.	0.
Pu239	2.E+02	2.E+03	2.E+01	3.E+02	2.E+01	4.E+02	4.E+01	6.E+02	1.E-07	2.E-06	8.E+01	1.E+03	0.	0.
Pu240	1.E+01	6.E+02	1.E+00	8.E+01	2.E+00	9.E+01	3.E+00	1.E+02	2.E-07	1.E-05	5.E+00	3.E+02	0.	0.
Pu241	3.E-01	8.E+03	4.E-02	1.E+03	6.E-02	2.E+03	9.E-02	2.E+03	1.E-10	3.E-06	2.E-01	4.E+03	0.	0.
Ra223	2.E-13	3.E-06	3.E-15	4.E-08	1.E-14	1.E-07	7.E-14	8.E-07	3.E-22	4.E-15	1.E-13	1.E-06	0.	0.
Ra225	3.E-14	3.E-07	1.E-15	8.E-09	1.E-15	1.E-08	3.E-14	3.E-07	9.E-17	8.E-10	2.E-14	1.E-07	0.	0.
Ra226	1.E-12	3.E-10	2.E-14	5.E-12	7.E-14	2.E-11	8.E-13	2.E-10	8.E-18	2.E-15	7.E-13	2.E-10	0.	0.
Ru106	6.E-04	2.E+02	4.E-04	1.E+02	3.E-03	1.E+03	5.E-05	2.E+01	0.	0.	2.E-03	7.E+02	0.	0.
Sb126	3.E-06	3.E+01	1.E-05	1.E+02	7.E-08	7.E-01	3.E-06	3.E+01	1.E-14	1.E-07	6.E-07	6.E+00	0.	0.
Sb126m	3.E-09	3.E+01	1.E-08	1.E+02	7.E-11	7.E-01	3.E-09	3.E+01	1.E-17	1.E-07	6.E-10	6.E+00	0.	0.
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	1.E+01	4.E+04	0.	0.	0.	0.	7.E+00	3.E+04	2.E-08	7.E-05	2.E+00	7.E+03	0.	0.
Sn126	9.E+00	3.E+01	0.	0.	0.	0.	7.E+00	3.E+01	3.E-08	1.E-07	2.E+00	6.E+00	0.	0.
Sr90	3.E+02	3.E+06	0.	0.	0.	0.	4.E+02	4.E+06	0.	0.	0.	0.	0.	0.
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	4.E-13	3.E-06	5.E-15	4.E-08	2.E-14	1.E-07	1.E-13	8.E-07	3.E-13	2.E-06	2.E-13	1.E-06	0.	0.
Th229	6.E-09	3.E-07	2.E-10	9.E-09	2.E-10	1.E-08	5.E-09	3.E-07	3.E-11	1.E-09	3.E-09	1.E-07	0.	0.
Th230	5.E-08	2.E-07	3.E-09	1.E-08	8.E-09	3.E-08	2.E-08	9.E-08	2.E-13	1.E-12	3.E-08	1.E-07	0.	0.
Th231	2.E-09	3.E-01	3.E-10	4.E-02	5.E-10	6.E-02	6.E-10	8.E-02	1.E-18	1.E-10	1.E-09	2.E-01	0.	0.
Th234	1.E-06	7.E+00	2.E-07	1.E+00	2.E-07	1.E+00	3.E-07	2.E+00	1.E-15	5.E-09	7.E-07	4.E+00	0.	0.
Tl207	7.E-17	3.E-06	9.E-19	4.E-08	3.E-18	1.E-07	2.E-17	9.E-07	9.E-26	4.E-15	4.E-17	1.E-06	0.	0.
U233	3.E-04	6.E-04	2.E-05	6.E-05	2.E-05	5.E-05	8.E-05	2.E-04	1.E-06	2.E-06	1.E-04	2.E-04	0.	0.
U234	4.E-03	6.E-03	7.E-04	1.E-03	9.E-04	1.E-03	7.E-04	1.E-03	1.E-08	2.E-08	2.E-03	3.E-03	0.	0.
U235	6.E+02	3.E-01	8.E+01	4.E-02	1.E+02	6.E-02	1.E+02	8.E-02	3.E-07	1.E-10	3.E+02	2.E-01	0.	0.
U238	9.E+04	7.E+00	1.E+04	1.E+00	2.E+04	1.E+00	2.E+04	2.E+00	7.E-05	5.E-09	5.E+04	4.E+00	0.	0.
Y90	7.E-02	4.E+06	0.	0.	0.	0.	9.E-02	5.E+06	0.	0.	0.	0.	0.	0.
Zr93	3.E+03	7.E+02	6.E+02	1.E+02	8.E+02	2.E+02	6.E+02	1.E+02	2.E-06	5.E-07	2.E+03	5.E+02	0.	0.
Ag	0.	0.	1.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	2.E+05	0.	2.E+05	0.	3.E+05	0.	0.	0.	7.E+04	0.	6.E+05	0.	0.	0.
Ba	5.E+02	0.	7.E+01	0.	9.E+01	0.	1.E+02	0.	1.E+00	0.	3.E+02	0.	0.	0.
Bi	8.E-12	0.	4.E-12	0.	7.E-13	0.	4.E-12	0.	1.E-14	0.	4.E-12	0.	0.	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK A-101 MOLES	TANK A-101 CURIES	TANK A-102 MOLES	TANK A-102 CURIES	TANK A-103 MOLES	TANK A-103 CURIES	TANK A-104 MOLES	TANK A-104 CURIES	TANK A-105 MOLES	TANK A-105 CURIES	TANK A-106 MOLES	TANK A-106 CURIES	TANK AW-101 MOLES	TANK AW-101 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	0.	0.	1.E+06	0.	2.E+02	0.	0.	0.	0.	0.	1.E+02	0.	0.	0.
Ca	1.E+01	0.	7.E+01	0.	2.E+02	0.	0.	0.	0.	0.	1.E+02	0.	0.	0.
Co	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	2.E-04	0.	1.E+02	0.	3.E+03	0.	0.	0.	0.	0.	1.E+03	0.	0.	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe	2.E+06	0.	3.E+05	0.	2.E+05	0.	5.E+05	0.	5.E-04	0.	8.E+05	0.	0.	0.
Fe(CN)6	0.	0.	3.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	8.E+03	0.	0.	0.	0.	0.	1.E+04	0.	0.	0.	5.E+03	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	2.E+07	0.	2.E+07	0.	3.E-07	0.	2.E+07	0.	0.	0.	2.E-07	0.	0.	0.
Na	2.E+07	0.	2.E+07	0.	0.	0.	2.E+07	0.	0.	0.	2.E-03	0.	0.	0.
Ni	2.E+03	0.	9.E+02	0.	9.E+02	0.	7.E-27	0.	0.	0.	1.E+02	0.	0.	0.
OH	6.E+06	0.	1.E+06	0.	2.E+06	0.	1.E+06	0.	2.E+05	0.	4.E+06	0.	0.	0.
PO4	0.	0.	7.E+03	0.	0.	0.	0.	0.	0.	0.	2.E-12	0.	0.	0.
Pb	3.E+01	0.	1.E-01	0.	3.E+00	0.	3.E-12	0.	2.E-13	0.	3.E+00	0.	0.	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	5.E+02	0.	6.E+05	0.	9.E+01	0.	7.E+05	0.	1.E+00	0.	3.E+02	0.	0.	0.
Sr	6.E-08	0.	0.	0.	0.	0.	3.E-21	0.	0.	0.	0.	0.	0.	0.
ZrO	7.E+02	0.	2.E+02	0.	2.E+02	0.	2.E+02	0.	2.E-06	0.	5.E+02	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK AW-102 MOLES	TANK AW-102 CURIES	TANK AW-103 MOLES	TANK AW-103 CURIES	TANK AW-105 MOLES	TANK AW-105 CURIES	TANK AW-106 MOLES	TANK AW-106 CURIES	TANK AX-101 MOLES	TANK AX-101 CURIES	TANK AX-102 MOLES	TANK AX-102 CURIES	TANK AX-103 MOLES	TANK AX-103 CURIES
Ac225	0.	0.	0.	0.	0.	0.	0.	0.	3.E-16	4.E-09	5.E-16	6.E-09	2.E-19	2.E-12
Ac227	0.	0.	0.	0.	0.	0.	0.	0.	2.E-12	4.E-08	3.E-13	6.E-09	9.E-25	1.E-20
Am241	0.	0.	0.	0.	0.	0.	0.	0.	6.E-03	5.E+00	6.E-03	5.E+00	4.E-11	3.E-08
Am242	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Am242m	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Am243	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
At217	0.	0.	0.	0.	0.	0.	0.	0.	1.E-23	4.E-09	2.E-23	6.E-09	7.E-27	2.E-12
Ba137m	0.	0.	0.	0.	0.	0.	3.E-07	2.E+04	0.	0.	0.	0.	3.E-07	2.E+04
Bi210	0.	0.	0.	0.	0.	0.	0.	0.	2.E-18	4.E-11	2.E-18	4.E-11	3.E-20	8.E-13
Bi211	0.	0.	0.	0.	0.	0.	0.	0.	4.E-19	4.E-08	6.E-20	5.E-09	3.E-17	3.E-06
Bi213	0.	0.	0.	0.	0.	0.	0.	0.	9.E-19	4.E-09	2.E-18	7.E-09	5.E-19	2.E-09
Bi214	0.	0.	0.	0.	0.	0.	0.	0.	5.E-22	4.E-12	1.E-21	1.E-11	1.E-21	1.E-11
C14	0.	0.	0.	0.	0.	0.	0.	0.	2.E-03	1.E-01	0.	0.	5.E-08	3.E-06
Cm242	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	0.	0.	0.	0.	0.	0.	0.	0.	9.E-20	4.E-09	2.E-19	6.E-09	6.E-23	2.E-12
Fr223	0.	0.	0.	0.	0.	0.	0.	0.	7.E-20	6.E-10	9.E-21	8.E-11	2.E-32	2.E-22
I129	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	0.	0.	0.	0.	0.	0.	0.	0.	5.E-04	1.E+01	5.E-04	1.E+01	4.E-12	1.E-07
Ni63	0.	0.	0.	0.	0.	0.	0.	0.	2.E-01	8.E+02	7.E-04	3.E+00	8.E-02	3.E+02
Np237	0.	0.	0.	0.	0.	0.	0.	0.	8.E-06	1.E-06	2.E-05	3.E-06	2.E-14	4.E-15
Np239	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Pa231	0.	0.	0.	0.	0.	0.	0.	0.	2.E-07	2.E-06	1.E-08	1.E-07	1.E-19	1.E-18
Pa233	0.	0.	0.	0.	0.	0.	0.	0.	2.E-13	1.E-06	5.E-13	3.E-06	7.E-22	3.E-15
Pa234m	0.	0.	0.	0.	0.	0.	0.	0.	7.E-12	1.E+00	2.E-13	4.E-02	3.E-20	5.E-09
Pb209	0.	0.	0.	0.	0.	0.	0.	0.	4.E-18	4.E-09	7.E-18	6.E-09	5.E-19	5.E-10
Pb210	0.	0.	0.	0.	0.	0.	0.	0.	2.E-15	4.E-11	2.E-15	4.E-11	1.E-17	2.E-13
Pb211	0.	0.	0.	0.	0.	0.	0.	0.	7.E-18	4.E-08	1.E-18	5.E-09	1.E-16	7.E-07
Pb214	0.	0.	0.	0.	0.	0.	0.	0.	6.E-22	4.E-12	2.E-21	1.E-11	4.E-22	3.E-12
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	0.	0.	0.	0.	0.	0.	0.	0.	4.E-17	4.E-11	4.E-17	4.E-11	3.E-26	3.E-20
Po213	0.	0.	0.	0.	0.	0.	0.	0.	1.E-27	4.E-09	2.E-27	6.E-09	9.E-31	2.E-12

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AW-102 MOLES	TANK AW-102 CURIES	TANK AW-103 MOLES	TANK AW-103 CURIES	TANK AW-105 MOLES	TANK AW-105 CURIES	TANK AW-106 MOLES	TANK AW-106 CURIES	TANK AX-101 MOLES	TANK AX-101 CURIES	TANK AX-102 MOLES	TANK AX-102 CURIES	TANK AX-103 MOLES	TANK AX-103 CURIES
Po214	0.	0.	0.	0.	0.	0.	0.	0.	8.E-29	5.E-12	3.E-28	2.E-11	2.E-34	2.E-17
Po215	0.	0.	0.	0.	0.	0.	0.	0.	6.E-24	4.E-08	9.E-25	5.E-09	2.E-36	1.E-20
Po218	0.	0.	0.	0.	0.	0.	0.	0.	7.E-23	4.E-12	2.E-22	1.E-11	2.E-28	1.E-17
Pu238•	0.	0.	2.E-15	9.E-12	0.	0.	1.E-07	6.E-04	7.E-03	3.E+01	2.E-03	1.E+01	3.E-08	1.E-04
Pu239•	0.	0.	1.E-15	2.E-14	0.	0.	4.E-07	6.E-06	2.E+01	3.E+02	9.E+00	1.E+02	4.E-07	6.E-06
Pu240•	0.	0.	2.E-14	9.E-13	0.	0.	8.E-08	4.E-06	1.E+00	8.E+01	7.E-01	4.E+01	1.E-07	7.E-06
Pu241•	0.	0.	9.E-19	2.E-14	0.	0.	1.E-09	2.E-05	9.E-02	2.E+03	4.E-02	1.E+03	2.E-09	4.E-05
Ra223•	0.	0.	0.	0.	0.	0.	0.	0.	3.E-15	3.E-08	5.E-16	5.E-09	9.E-28	1.E-20
Ra225	0.	0.	0.	0.	0.	0.	0.	0.	4.E-16	4.E-09	7.E-16	6.E-09	3.E-19	3.E-12
Ra226•	0.	0.	0.	0.	0.	0.	0.	0.	2.E-14	4.E-12	6.E-14	1.E-11	6.E-20	1.E-17
Ru106•	0.	0.	0.	0.	0.	0.	0.	0.	1.E-02	4.E+03	1.E-02	3.E+03	0.	0.
Sb126	0.	0.	0.	0.	0.	0.	7.E-07	7.E+00	2.E-13	2.E-06	1.E-06	2.E+01	2.E-07	2.E+00
Sb126m	0.	0.	0.	0.	0.	0.	7.E-10	7.E+00	0.	0.	2.E-09	2.E+01	2.E-10	2.E+00
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E+00	2.E+04	0.	0.
Sn126	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E+00	2.E+01	0.	0.
Sr90•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Tc99•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227•	0.	0.	0.	0.	0.	0.	0.	0.	5.E-15	4.E-08	8.E-16	5.E-09	2.E-27	1.E-20
Th229	0.	0.	0.	0.	0.	0.	0.	0.	8.E-11	4.E-09	1.E-10	6.E-09	6.E-14	3.E-12
Th230•	0.	0.	0.	0.	0.	0.	0.	0.	3.E-09	1.E-08	3.E-09	1.E-08	2.E-14	9.E-14
Th231•	0.	0.	0.	0.	0.	0.	0.	0.	4.E-10	5.E-02	2.E-11	2.E-03	6.E-22	8.E-14
Th234•	0.	0.	0.	0.	0.	0.	0.	0.	2.E-07	1.E+00	7.E-09	4.E-02	9.E-16	5.E-09
Tl207	0.	0.	0.	0.	0.	0.	0.	0.	9.E-19	4.E-08	1.E-19	5.E-09	3.E-31	1.E-20
U233•	0.	0.	0.	0.	0.	0.	0.	0.	1.E-05	3.E-05	2.E-06	5.E-06	6.E-08	1.E-07
U234•	0.	0.	0.	0.	0.	0.	0.	0.	8.E-04	1.E-03	2.E-04	3.E-04	2.E-08	3.E-08
U235•	0.	0.	0.	0.	0.	0.	0.	0.	1.E+02	5.E-02	4.E+00	2.E-03	3.E-10	2.E-13
U238•	0.	0.	0.	0.	0.	0.	0.	0.	1.E+04	1.E+00	5.E+02	4.E-02	6.E-05	5.E-09
Y90•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Zr93•	0.	0.	0.	0.	0.	0.	0.	0.	8.E+02	2.E+02	4.E+02	8.E+01	4.E-06	9.E-07
Ag•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	0.	0.	0.	0.	0.	0.	5.E+01	0.	2.E+05	0.	2.E+03	0.	2.E+02	0.
Ba•	0.	0.	0.	0.	0.	0.	3.E-02	0.	1.E+02	0.	1.E+01	0.	7.E-02	0.
Bi	0.	0.	0.	0.	0.	0.	0.	0.	1.E-13	0.	7.E-13	0.	1.E-14	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS · 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AW-102 MOLES	TANK AW-102 CURIES	TANK AW-103 MOLES	TANK AW-103 CURIES	TANK AW-105 MOLES	TANK AW-105 CURIES	TANK AW-106 MOLES	TANK AW-106 CURIES	TANK AX-101 MOLES	TANK AX-101 CURIES	TANK AX-102 MOLES	TANK AX-102 CURIES	TANK AX-103 MOLES	TANK AX-103 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	0.	0.	0.	0.	0.	0.	0.	0.	8.E+02	0.	0.	0.	1.E-02	0.
Ca	0.	0.	0.	0.	0.	0.	0.	0.	8.E+02	0.	0.	0.	1.E-02	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	0.	0.	0.	0.	0.	0.	0.	0.	2.E+04	0.	1.E+04	0.	0.	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe	0.	0.	0.	0.	0.	0.	0.	0.	7.E+04	0.	4.E+04	0.	6.E-01	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	7.E-01	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	2.E+03	0.	9.E+02	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	0.	0.	0.	0.	0.	0.	0.	0.	4.E-07	0.	0.	0.	0.	0.
Na	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ni	0.	0.	0.	0.	0.	0.	0.	0.	5.E+02	0.	5.E+00	0.	2.E+02	0.
OH	0.	0.	2.E-10	0.	0.	0.	1.E+02	0.	8.E+05	0.	2.E+05	0.	1.E+03	0.
PO4	0.	0.	0.	0.	0.	0.	0.	0.	1.E-13	0.	0.	0.	2.E-14	0.
Pb	0.	0.	0.	0.	0.	0.	0.	0.	6.E+01	0.	5.E+00	0.	2.E-03	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	0.	0.	0.	0.	0.	0.	3.E-02	0.	1.E+02	0.	1.E+01	0.	7.E-02	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	0.	0.	9.E-11	0.	0.	0.	7.E-01	0.	4.E+01	0.	3.E+01	0.	9.E-02	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK AX-104		TANK AY-101		TANK AY-102		TANK AZ-101		TANK AZ-102		TANK B-101		TANK B-102	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	6.E-16	7.E-09	3.E-16	4.E-09	2.E-19	2.E-12	4.E-18	6.E-11	0.	0.	8.E-16	1.E-08	7.E-16	9.E-09
Ac227•	9.E-12	1.E-07	3.E-13	6.E-09	2.E-15	4.E-11	9.E-16	2.E-11	0.	0.	6.E-10	1.E-05	6.E-11	1.E-06
Am241•	5.E-02	4.E+01	5.E-03	4.E+00	1.E-11	9.E-09	3.E-10	3.E-07	0.	0.	1.E-01	9.E+01	1.E-02	9.E+00
Am242•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.E-19	1.E-10
Am242m•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E-14	1.E-10
Am243•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.E-12	3.E-10
At217	2.E-23	7.E-09	1.E-23	4.E-09	7.E-27	2.E-12	2.E-25	6.E-11	0.	0.	3.E-23	1.E-08	2.E-23	9.E-09
Ba137m	2.E-06	1.E+05	6.E-07	4.E+04	0.	0.	7.E-08	5.E+03	0.	0.	0.	0.	4.E-08	3.E+03
Bi210•	2.E-18	5.E-11	3.E-17	9.E-10	6.E-25	2.E-17	2.E-19	4.E-12	0.	0.	2.E-18	5.E-11	3.E-19	8.E-12
Bi211	4.E-17	3.E-06	6.E-20	5.E-09	3.E-22	3.E-11	1.E-22	1.E-11	0.	0.	1.E-16	1.E-05	1.E-17	1.E-06
Bi213	2.E-18	8.E-09	9.E-19	4.E-09	6.E-22	2.E-12	1.E-20	6.E-11	0.	0.	3.E-18	1.E-08	2.E-18	9.E-09
Bi214	1.E-20	9.E-11	6.E-21	5.E-11	3.E-25	3.E-15	2.E-25	2.E-15	0.	0.	5.E-20	5.E-10	5.E-21	5.E-11
C14•	9.E-01	6.E+01	1.E-04	8.E-03	0.	0.	3.E-06	2.E-04	0.	0.	8.E-02	5.E+00	1.E-02	8.E-01
Cm242•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E-16	1.E-10
Cm244•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137•	0.	0	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	2.E-19	7.E-09	1.E-19	4.E-09	6.E-23	2.E-12	1.E-21	6.E-11	0.	0.	3.E-19	1.E-08	2.E-19	9.E-09
Fr223	2.E-19	2.E-09	9.E-21	8.E-11	7.E-23	6.E-13	3.E-23	2.E-13	0.	0.	2.E-17	1.E-07	2.E-18	1.E-08
I129•	1.E-06	3.E-08	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m•	6.E-03	2.E+02	1.E-03	3.E+01	0.	0.	0.	0.	0.	0.	7.E-04	2.E+01	2.E-05	5.E-01
Ni63•	2.E-01	6.E+02	2.E-01	8.E+02	2.E-02	7.E+01	2.E-02	8.E+01	2.E-02	8.E+01	8.E-02	3.E+02	4.E-02	2.E+02
Np237•	5.E-04	9.E-05	1.E-05	2.E-06	5.E-15	8.E-16	7.E-13	1.E-13	0.	0.	1.E-03	2.E-04	9.E-05	1.E-05
Np239•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E-18	3.E-10
Pa231•	1.E-07	1.E-06	1.E-08	1.E-07	5.E-10	5.E-09	2.E-10	2.E-09	0.	0.	7.E-06	7.E-05	7.E-07	7.E-06
Pa233•	2.E-11	9.E-05	5.E-13	2.E-06	1.E-22	5.E-16	2.E-20	1.E-13	0.	0.	3.E-11	2.E-04	3.E-12	1.E-05
Pa234m	8.E-13	1.E-01	3.E-13	4.E-02	7.E-14	1.E-02	3.E-14	4.E-03	0.	0.	4.E-11	7.E+00	5.E-12	7.E-01
Pb209	8.E-18	7.E-09	4.E-18	4.E-09	2.E-21	2.E-12	6.E-20	6.E-11	6.E-21	5.E-12	1.E-17	1.E-08	9.E-18	9.E-09
Pb210•	3.E-15	5.E-11	5.E-14	8.E-10	9.E-22	1.E-17	2.E-16	4.E-12	8.E-16	1.E-11	3.E-15	5.E-11	4.E-16	7.E-12
Pb211	1.E-15	5.E-06	1.E-18	5.E-09	5.E-21	2.E-11	2.E-21	1.E-11	4.E-16	2.E-06	2.E-15	1.E-05	2.E-16	1.E-06
Pb214	1.E-20	1.E-10	7.E-21	5.E-11	4.E-25	3.E-15	3.E-25	2.E-15	4.E-21	2.E-11	7.E-20	5.E-10	7.E-21	5.E-11
Pd107	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210•	5.E-17	5.E-11	9.E-16	9.E-10	3.E-24	3.E-18	4.E-18	3.E-12	0.	0.	5.E-17	4.E-11	7.E-18	7.E-12
Po213	3.E-27	7.E-09	1.E-27	4.E-09	8.E-31	2.E-12	2.E-29	6.E-11	0.	0.	4.E-27	1.E-08	3.E-27	8.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AX-104 MOLES	TANK AX-104 CURIES	TANK AY-101 MOLES	TANK AY-101 CURIES	TANK AY-102 MOLES	TANK AY-102 CURIES	TANK AZ-101 MOLES	TANK AZ-101 CURIES	TANK AZ-102 MOLES	TANK AZ-102 CURIES	TANK B-101 MOLES	TANK B-101 CURIES	TANK B-102 MOLES	TANK B-102 CURIES
Po214	2.E-27	1.E-10	9.E-28	6.E-11	5.E-32	4.E-15	4.E-32	2.E-15	0.	0.	9.E-27	6.E-10	9.E-28	6.E-11
Po215	2.E-23	1.E-07	8.E-25	5.E-09	4.E-27	3.E-11	2.E-27	1.E-11	0.	0.	2.E-21	1.E-05	2.E-22	1.E-06
Po218	1.E-21	9.E-11	9.E-22	5.E-11	5.E-26	3.E-15	3.E-26	2.E-15	0.	0.	8.E-21	5.E-10	8.E-22	5.E-11
Pu238•	6.E-03	2.E+01	3.E-03	1.E+01	6.E-07	2.E-03	2.E-06	8.E-03	3.E-07	1.E-03	9.E-03	4.E+01	1.E-03	4.E+00
Pu239•	2.E+01	3.E+02	6.E+00	8.E+01	5.E-07	7.E-06	2.E-06	3.E-05	1.E-06	1.E-05	4.E+01	5.E+02	4.E+00	5.E+01
Pu240•	2.E+00	8.E+01	4.E-01	2.E+01	4.E-06	2.E-04	1.E-06	7.E-05	2.E-06	1.E-04	3.E+00	2.E+02	3.E-01	1.E+01
Pu241•	8.E-02	2.E+03	3.E-02	8.E+02	5.E-10	1.E-05	4.E-09	1.E-04	4.E-09	9.E-05	2.E-01	5.E+03	2.E-02	5.E+02
Ra223•	1.E-14	1.E-07	5.E-16	5.E-09	2.E-18	2.E-11	8.E-19	1.E-11	0.	0.	9.E-13	1.E-05	9.E-14	1.E-06
Ra225	8.E-16	7.E-09	4.E-16	4.E-09	3.E-19	3.E-12	7.E-18	6.E-11	0.	0.	1.E-15	1.E-08	1.E-15	9.E-09
Ra226•	4.E-13	9.E-11	2.E-13	5.E-11	1.E-17	3.E-15	9.E-18	2.E-15	0.	0.	2.E-12	5.E-10	2.E-13	5.E-11
Ru106•	8.E-03	3.E+03	3.E-02	1.E+04	0.	0.	0.	0.	0.	0.	5.E-03	2.E+03	2.E-04	6.E+01
Sb126	6.E-06	6.E+01	5.E-06	5.E+01	7.E-09	8.E-02	7.E-07	7.E+00	0.	0.	7.E-07	8.E+00	2.E-08	2.E-01
Sb126m	6.E-09	6.E+01	5.E-09	5.E+01	8.E-12	8.E-02	7.E-10	7.E+00	0.	0.	8.E-10	8.E+00	2.E-11	2.E-01
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151•	2.E+01	7.E+04	9.E+00	3.E+04	0.	0.	0.	0.	0.	0.	2.E+00	8.E+03	6.E-02	2.E+02
Sn126	2.E+01	6.E+01	1.E+01	3.E+01	0.	0.	0.	0.	6.E-08	2.E-07	2.E+00	7.E+00	5.E-02	2.E-01
Sr90•	9.E+02	1.E+07	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E-02	2.E+02
Tc99•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227•	9.E-13	6.E-06	8.E-16	5.E-09	4.E-18	3.E-11	2.E-18	1.E-11	3.E-13	2.E-06	1.E-12	1.E-05	7.E-13	5.E-06
Th229	2.E-10	7.E-09	8.E-11	4.E-09	6.E-14	3.E-12	1.E-12	6.E-11	1.E-13	6.E-12	2.E-10	1.E-08	2.E-10	9.E-09
Th230•	1.E-08	5.E-08	9.E-09	4.E-08	6.E-12	3.E-11	3.E-12	1.E-11	1.E-14	6.E-14	6.E-08	3.E-07	6.E-09	3.E-08
Th231•	5.E-11	6.E-03	2.E-11	2.E-03	4.E-12	5.E-04	1.E-12	2.E-04	4.E-19	5.E-11	3.E-09	3.E-01	3.E-10	4.E-02
Th234•	2.E-08	1.E-01	8.E-09	4.E-02	2.E-09	1.E-02	8.E-10	4.E-03	2.E-16	9.E-10	1.E-06	7.E+00	1.E-07	7.E-01
Tl207	4.E-18	1.E-07	1.E-19	5.E-09	6.E-22	2.E-11	2.E-22	1.E-11	0.	0.	3.E-16	1.E-05	3.E-17	1.E-06
U233•	2.E-06	4.E-06	2.E-07	5.E-07	3.E-08	7.E-08	2.E-07	4.E-07	2.E-08	4.E-08	3.E-06	7.E-06	3.E-06	6.E-06
U234•	5.E-04	8.E-04	1.E-04	2.E-04	5.E-06	7.E-06	2.E-06	3.E-06	5.E-09	7.E-09	2.E-03	4.E-03	3.E-04	4.E-04
U235•	1.E+01	6.E-03	7.E+00	4.E-03	1.E+00	5.E-04	4.E-01	2.E-04	9.E-08	5.E-11	7.E+02	3.E-01	7.E+01	4.E-02
U238•	2.E+03	1.E-01	1.E+03	8.E-02	1.E+02	1.E-02	5.E+01	4.E-03	1.E-05	9.E-10	9.E+04	7.E+00	9.E+03	8.E-01
Y90•	2.E-01	1.E+07	0.	0.	0.	0.	0.	0.	8.E-03	4.E+05	0.	0.	5.E-06	3.E+02
Zr93•	1.E+03	3.E+02	8.E+02	2.E+02	0.	0.	0.	0.	0.	0.	2.E+02	4.E+01	5.E+00	1.E+00
Ag •	1.E-06	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	2.E+04	0.	2.E+03	0.	5.E+01	0.	1.E+03	0.	2.E+01	0.	1.E+03	0.	1.E+03	0.
Ba •	2.E+02	0.	2.E+02	0.	0.	0.	5.E-01	0.	0.	0.	1.E+02	0.	9.E+00	0.
Bi	1.E-13	0.	5.E-14	0.	9.E-19	0.	4.E-13	0.	0.	0.	2.E-13	0.	2.E-13	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK AX-104 MOLES	TANK AX-104 CURIES	TANK AY-101 MOLES	TANK AY-101 CURIES	TANK AY-102 MOLES	TANK AY-102 CURIES	TANK AZ-101 MOLES	TANK AZ-101 CURIES	TANK AZ-102 MOLES	TANK AZ-102 CURIES	TANK B-101 MOLES	TANK B-101 CURIES	TANK B-102 MOLES	TANK B-102 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	5.E+03	0.	2.E+01	0.	0.	0.	4.E-01	0.	0.	0.	3.E+05	0.	3.E+04	0.
Ca	5.E+03	0.	2.E+01	0.	0.	0.	4.E-01	0.	0.	0.	4.E+02	0.	2.E+01	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	9.E+04	0.	1.E+04	0.	0.	0.	0.	0.	1.E-04	0.	7.E+03	0.	3.E+02	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	6.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe	1.E+05	0.	6.E+04	0.	0.	0.	0.	0.	0.	0.	8.E+04	0.	9.E+04	0.
Fe(CN)6	7.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.E+01	0.	1.E+01	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	9.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	2.E+05	0.	0.	0.	0.	0.	2.E-10	0.	0.	0.	1.E-04	0.	2.E-05	0.
Na	2.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E+05	0.	5.E+04	0.
Ni	1.E+03	0.	8.E+02	0.	8.E+01	0.	5.E+01	0.	2.E+02	0.	2.E+03	0.	1.E+03	0.
OH	7.E+05	0.	2.E+05	0.	6.E+02	0.	3.E+03	0.	4.E+02	0.	3.E+05	0.	3.E+05	0.
PO4	6.E+02	0.	3.E-14	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.E+03	0.
Pb	4.E+02	0.	6.E+00	0.	7.E-18	0.	1.E-03	0.	1.E+00	0.	2.E+04	0.	2.E+04	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	3.E+02	0.	2.E+02	0.	0.	0.	5.E-01	0.	0.	0.	2.E+04	0.	2.E+04	0.
Sr	9.E-02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	4.E+02	0.	4.E+01	0.	2.E-02	0.	8.E+00	0.	2.E+00	0.	4.E+00	0.	5.E-01	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK B-103 MOLES	TANK B-103 CURIES	TANK B-104 MOLES	TANK B-104 CURIES	TANK B-105 MOLES	TANK B-105 CURIES	TANK B-106 MOLES	TANK B-106 CURIES	TANK B-107 MOLES	TANK B-107 CURIES	TANK B-108 MOLES	TANK B-108 CURIES	TANK B-109 MOLES	TANK B-109 CURIES
Ac225	7.E-16	9.E-09	1.E-16	2.E-09	8.E-16	1.E-08	9.E-17	1.E-09	1.E-15	1.E-08	9.E-16	1.E-08	1.E-15	1.E-08
Ac227*	2.E-10	4.E-06	2.E-10	3.E-06	1.E-10	2.E-06	2.E-10	3.E-06	1.E-09	2.E-05	4.E-09	7.E-05	1.E-09	2.E-05
Am241*	6.E-02	5.E+01	5.E-03	4.E+00	5.E-04	4.E-01	6.E-05	5.E-02	1.E-03	1.E+00	1.E-04	1.E-01	2.E-05	2.E-02
Am242*	1.E-10	2.E-02	2.E-13	3.E-05	2.E-13	3.E-05	1.E-14	3.E-06	2.E-13	4.E-05	4.E-14	7.E-06	4.E-14	8.E-06
Am242m*	1.E-05	2.E-02	1.E-08	3.E-05	1.E-08	3.E-05	1.E-09	3.E-06	2.E-08	4.E-05	3.E-09	7.E-06	4.E-09	8.E-06
Am243*	2.E-04	8.E-03	9.E-07	4.E-05	1.E-07	5.E-06	1.E-08	5.E-07	2.E-07	1.E-05	3.E-08	2.E-06	9.E-09	4.E-07
Al217	3.E-23	9.E-09	5.E-24	2.E-09	3.E-23	1.E-08	3.E-24	1.E-09	4.E-23	1.E-08	3.E-23	1.E-08	4.E-23	1.E-08
Ba137m	2.E-07	1.E+04	7.E-08	5.E+03	6.E-07	5.E+04	3.E-08	2.E+03	7.E-07	5.E+04	5.E-07	4.E+04	2.E-07	1.E+04
Bi210*	6.E-19	2.E-11	3.E-19	7.E-12	1.E-19	3.E-12	1.E-19	4.E-12	9.E-19	2.E-11	3.E-18	9.E-11	1.E-18	2.E-11
Bi211	9.E-17	8.E-06	3.E-17	3.E-06	2.E-17	2.E-06	3.E-17	3.E-06	2.E-16	2.E-05	8.E-16	7.E-05	2.E-16	2.E-05
Bi213	2.E-18	1.E-08	5.E-19	2.E-09	3.E-18	1.E-08	3.E-19	1.E-09	3.E-18	1.E-08	3.E-18	1.E-08	3.E-18	1.E-08
Bi214	9.E-21	8.E-11	4.E-21	4.E-11	2.E-21	1.E-11	2.E-21	2.E-11	1.E-20	1.E-10	5.E-20	5.E-10	1.E-20	1.E-10
C14 *	2.E-03	1.E-01	1.E-04	7.E-03	0.	0.	3.E-05	2.E-03	1.E-01	7.E+00	2.E-10	2.E-08	6.E-02	4.E+00
Cm242*	2.E-08	2.E-02	4.E-11	3.E-05	3.E-11	2.E-05	3.E-12	2.E-06	4.E-11	4.E-05	7.E-12	6.E-06	9.E-12	7.E-06
Cm244*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	2.E-19	9.E-09	5.E-20	2.E-09	3.E-19	1.E-08	3.E-20	1.E-09	3.E-19	1.E-08	3.E-19	1.E-08	3.E-19	1.E-08
Fr223	7.E-18	6.E-08	4.E-18	4.E-08	4.E-18	3.E-08	4.E-18	4.E-08	3.E-17	2.E-07	1.E-16	1.E-06	3.E-17	2.E-07
I129*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m*	5.E-05	1.E+00	1.E-05	3.E-01	1.E-06	3.E-02	1.E-07	4.E-03	1.E-05	4.E-01	1.E-06	4.E-02	1.E-07	4.E-03
Ni63*	2.E-01	7.E+02	0.	0.	0.	0.	1.E-03	5.E+00	0.	0.	4.E-04	2.E+00	0.	0.
Np237*	1.E-03	2.E-04	2.E-04	3.E-05	2.E-05	3.E-06	2.E-06	3.E-07	6.E-05	9.E-06	6.E-06	1.E-06	8.E-07	1.E-07
Np239*	1.E-10	8.E-03	7.E-13	4.E-05	8.E-14	5.E-06	9.E-15	5.E-07	2.E-13	1.E-05	3.E-14	2.E-06	8.E-15	4.E-07
Pa231*	2.E-06	2.E-05	7.E-07	8.E-06	5.E-07	6.E-06	7.E-07	7.E-06	4.E-06	5.E-05	2.E-05	2.E-04	5.E-06	5.E-05
Pa233*	3.E-11	2.E-04	6.E-12	3.E-05	6.E-13	3.E-06	7.E-14	3.E-07	2.E-12	9.E-06	2.E-13	1.E-06	3.E-14	1.E-07
Pa234m	1.E-11	2.E+00	2.E-12	3.E-01	1.E-12	2.E-01	2.E-12	3.E-01	1.E-11	2.E+00	5.E-11	8.E+00	1.E-11	2.E+00
Pb209	1.E-17	9.E-09	2.E-18	2.E-09	1.E-17	1.E-08	1.E-18	1.E-09	1.E-17	1.E-08	1.E-17	1.E-08	1.E-17	1.E-08
Pb210*	9.E-16	1.E-11	4.E-16	7.E-12	2.E-16	3.E-12	2.E-16	3.E-12	1.E-15	2.E-11	5.E-15	8.E-11	1.E-15	2.E-11
Pb211	8.E-16	4.E-06	5.E-16	3.E-06	4.E-16	2.E-06	5.E-16	3.E-06	3.E-15	2.E-05	1.E-14	7.E-05	3.E-15	2.E-05
Pb214	1.E-20	8.E-11	5.E-21	4.E-11	2.E-21	1.E-11	2.E-21	2.E-11	2.E-20	1.E-10	6.E-20	5.E-10	2.E-20	1.E-10
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210*	1.E-17	1.E-11	7.E-18	7.E-12	3.E-18	3.E-12	4.E-18	3.E-12	2.E-17	2.E-11	9.E-17	8.E-11	2.E-17	2.E-11
Po213	3.E-27	9.E-09	7.E-28	2.E-09	4.E-27	1.E-08	4.E-28	1.E-09	5.E-27	1.E-08	4.E-27	1.E-08	5.E-27	1.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-103 MOLES	TANK B-103 CURIES	TANK B-104 MOLES	TANK B-104 CURIES	TANK B-105 MOLES	TANK B-105 CURIES	TANK B-106 MOLES	TANK B-106 CURIES	TANK B-107 MOLES	TANK B-107 CURIES	TANK B-108 MOLES	TANK B-108 CURIES	TANK B-109 MOLES	TANK B-109 CURIES
Po214	1.E-27	1.E-10	6.E-28	4.E-11	3.E-28	2.E-11	3.E-28	2.E-11	2.E-27	1.E-10	8.E-27	6.E-10	2.E-27	1.E-10
Po215	6.E-22	4.E-06	4.E-22	3.E-06	3.E-22	2.E-06	4.E-22	3.E-06	3.E-21	2.E-05	1.E-20	7.E-05	3.E-21	2.E-05
Po218	1.E-21	8.E-11	6.E-22	4.E-11	2.E-22	1.E-11	3.E-22	2.E-11	2.E-21	1.E-10	7.E-21	5.E-10	2.E-21	1.E-10
Pu238*	1.E-03	6.E+00	6.E-05	2.E-01	6.E-06	3.E-02	1.E-06	4.E-03	2.E-05	9.E-02	5.E-06	2.E-02	4.E-06	1.E-02
Pu239*	1.E+01	2.E+02	7.E+00	1.E+02	7.E-01	1.E+01	8.E-02	1.E+00	3.E+00	4.E+01	3.E-01	4.E+00	3.E-02	5.E-01
Pu240*	9.E-01	5.E+01	2.E-01	1.E+01	2.E-02	1.E+00	2.E-03	1.E-01	6.E-02	3.E+00	6.E-03	3.E-01	7.E-04	4.E-02
Pu241*	4.E-02	9.E+02	1.E-03	3.E+01	1.E-04	3.E+00	1.E-05	4.E-01	3.E-04	7.E+00	3.E-05	7.E-01	3.E-06	8.E-02
Ra223*	4.E-13	4.E-06	2.E-13	3.E-06	2.E-13	2.E-06	2.E-13	3.E-06	1.E-12	2.E-05	6.E-12	7.E-05	1.E-12	2.E-05
Ra225	1.E-15	9.E-09	2.E-16	2.E-09	1.E-15	1.E-08	1.E-16	1.E-09	1.E-15	1.E-08	1.E-15	1.E-08	2.E-15	1.E-08
Ra226*	4.E-13	8.E-11	2.E-13	4.E-11	7.E-14	1.E-11	8.E-14	2.E-11	5.E-13	1.E-10	2.E-12	5.E-10	5.E-13	1.E-10
Ru106*	3.E-05	1.E+01	5.E-11	2.E-05	6.E-12	2.E-06	3.E-11	1.E-05	3.E-12	1.E-06	3.E-13	1.E-07	0.	0.
Sb126	6.E-08	7.E-01	6.E-09	6.E-02	6.E-10	6.E-03	7.E-11	7.E-04	6.E-09	6.E-02	6.E-10	6.E-03	8.E-11	8.E-04
Sb126m	7.E-11	7.E-01	6.E-12	6.E-02	6.E-13	6.E-03	7.E-14	7.E-04	6.E-12	6.E-02	6.E-13	6.E-03	8.E-14	8.E-04
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151*	1.E-01	5.E+02	3.E-02	1.E+02	3.E-03	1.E+01	4.E-04	1.E+00	5.E-02	2.E+02	5.E-03	2.E+01	6.E-04	2.E+00
Sn126	1.E-01	5.E-01	2.E-02	6.E-02	2.E-03	6.E-03	2.E-04	7.E-04	2.E-02	6.E-02	2.E-03	6.E-03	2.E-04	7.E-04
Sr90*	6.E-01	7.E+03	6.E-01	8.E+03	1.E-01	1.E+03	1.E-03	1.E+01	2.E+00	3.E+04	3.E+00	3.E+04	3.E-02	4.E+02
Tc99*	0.	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227*	6.E-13	4.E-06	1.E-12	8.E-06	1.E-11	9.E-05	8.E-13	5.E-06	3.E-12	2.E-05	1.E-11	8.E-05	2.E-12	2.E-05
Th229	2.E-10	9.E-09	4.E-11	2.E-09	2.E-10	1.E-08	2.E-11	1.E-09	3.E-10	1.E-08	3.E-10	1.E-08	3.E-10	1.E-08
Th230*	7.E-09	3.E-08	2.E-09	8.E-09	7.E-10	3.E-09	8.E-10	4.E-09	6.E-09	3.E-08	2.E-08	1.E-07	6.E-09	3.E-08
Th231*	7.E-10	8.E-02	1.E-10	1.E-02	7.E-11	8.E-03	1.E-10	1.E-02	7.E-10	8.E-02	3.E-09	4.E-01	7.E-10	9.E-02
Th234*	4.E-07	2.E+00	6.E-08	3.E-01	3.E-08	2.E-01	5.E-08	3.E-01	4.E-07	2.E+00	2.E-06	8.E+00	4.E-07	2.E+00
Tl207	1.E-16	4.E-06	7.E-17	3.E-06	5.E-17	2.E-06	7.E-17	3.E-06	4.E-16	2.E-05	2.E-15	7.E-05	4.E-16	2.E-05
U233.	3.E-06	7.E-06	6.E-07	1.E-06	4.E-06	8.E-06	2.E-07	5.E-07	5.E-06	1.E-05	4.E-06	1.E-05	5.E-06	1.E-05
U234*	3.E-04	4.E-04	4.E-05	5.E-05	1.E-05	2.E-05	2.E-05	3.E-05	1.E-04	2.E-04	5.E-04	7.E-04	1.E-04	2.E-04
U235*	2.E+02	8.E-02	3.E+01	1.E-02	2.E+01	8.E-03	2.E+01	1.E-02	2.E+02	9.E-02	7.E+02	4.E-01	2.E+02	9.E-02
U238*	2.E+04	2.E+00	4.E+03	3.E-01	2.E+03	2.E-01	3.E+03	3.E-01	2.E+04	2.E+00	1.E+05	8.E+00	3.E+04	2.E+00
Y90*	2.E-04	8.E+03	2.E-04	1.E+04	3.E-05	1.E+03	3.E-07	1.E+01	6.E-04	3.E+04	1.E-03	5.E+04	7.E-06	4.E+02
Zr93*	1.E+01	3.E+00	2.E+00	4.E-01	2.E-01	4.E-02	2.E-02	5.E-03	2.E+00	4.E-01	2.E-01	4.E-02	2.E-02	5.E-03
Ag*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	5.E+04	0.	2.E+02	0.	5.E+02	0.	2.E+03	0.	1.E+03	0.	7.E+02	0.	8.E+03	0.
Ba*	6.E+00	0.	8.E-01	0.	6.E+00	0.	5.E-01	0.	7.E+00	0.	5.E+00	0.	6.E+00	0.
Bi	2.E-13	0.	6.E+06	0.	6.E+05	0.	7.E+04	0.	7.E+04	0.	7.E+03	0.	8.E+02	0.
C2H3O3	0.	0.	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-103 MOLES	TANK B-103 CURIES	TANK B-104 MOLES	TANK B-104 CURIES	TANK B-105 MOLES	TANK B-105 CURIES	TANK B-106 MOLES	TANK B-106 CURIES	TANK B-107 MOLES	TANK B-107 CURIES	TANK B-108 MOLES	TANK B-108 CURIES	TANK B-109 MOLES	TANK B-109 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	5.E+03	0.	4.E+03	0.	0.	0.	2.E+03	0.	7.E+04	0.	1.E-04	0.	8.E+04	0.
Ca	2.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E-04	0.	1.E-01	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	4.E+01	0.	2.E+04	0.	2.E+03	0.	2.E+02	0.	1.E+04	0.	1.E+03	0.	1.E+02	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	4.E+05	0.	8.E+05	0.	7.E+04	0.	7.E+05	0.	2.E+06	0.	1.E+06	0.
Fe	1.E+04	0.	3.E+05	0.	3.E+04	0.	3.E+03	0.	2.E+05	0.	2.E+04	0.	2.E+03	0.
Fe(CN)6	2.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	2.E-06	0.	2.E-07	0.	2.E+06	0.	6.E+05	0.	8.E+05	0.	4.E+06	0.	2.E-04	0.
Na	6.E+03	0.	2.E+06	0.	8.E+06	0.	6.E+06	0.	3.E+06	0.	1.E+07	0.	8.E+06	0.
Ni	1.E+03	0.	0.	0.	0.	0.	6.E+01	0.	0.	0.	2.E-02	0.	0.	0.
OH	2.E+05	0.	9.E+05	0.	1.E+05	0.	2.E+04	0.	6.E+05	0.	6.E+04	0.	3.E+04	0.
PO4	6.E-14	0.	7.E+06	0.	2.E+06	0.	2.E+06	0.	5.E+05	0.	1.E+06	0.	2.E+06	0.
Pb	1.E+04	0.	6.E-11	0.	1.E-10	0.	6.E-11	0.	3.E-10	0.	1.E-09	0.	3.E-10	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	1.E+04	0.	8.E-01	0.	6.E+00	0.	5.E-01	0.	7.E+00	0.	5.E+00	0.	6.E+00	0.
Sr	2.E-09	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	2.E+00	0.	7.E+03	0.	7.E+02	0.	8.E+01	0.	2.E+04	0.	2.E+03	0.	3.E+02	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK B-110 MOLES	TANK B-110 CURIES	TANK B-111 MOLES	TANK B-111 CURIES	TANK B-112 MOLES	TANK B-112 CURIES	TANK B-201 MOLES	TANK B-201 CURIES	TANK B-202 MOLES	TANK B-202 CURIES	TANK B-203 MOLES	TANK B-203 CURIES	TANK B-204 MOLES	TANK B-204 CURIES
Ac225	9.E-17	1.E-09	9.E-15	1.E-07	4.E-16	5.E-09	0.	0.	3.E-18	4.E-11	1.E-21	2.E-14	1.E-20	2.E-13
Ac227	4.E-09	6.E-05	3.E-10	4.E-06	3.E-10	5.E-06	0.	0.	7.E-10	1.E-05	8.E-17	1.E-12	8.E-16	1.E-11
Am241	4.E-02	4.E+01	5.E-03	4.E+00	5.E-04	4.E-01	0.	0.	4.E-02	4.E+01	1.E-04	1.E-01	1.E-03	1.E+00
Am242	9.E-12	2.E-03	1.E-12	2.E-04	2.E-13	3.E-05	0.	0.	0.	0.	0.	0.	0.	0.
Am242m	7.E-07	2.E-03	8.E-08	2.E-04	1.E-08	3.E-05	0.	0.	0.	0.	0.	0.	0.	0.
Am243	1.E-06	6.E-05	1.E-06	5.E-05	1.E-07	5.E-06	0.	0.	0.	0.	0.	0.	0.	0.
At217	3.E-24	1.E-09	3.E-22	1.E-07	2.E-23	5.E-09	0.	0.	1.E-25	4.E-11	6.E-29	2.E-14	6.E-28	2.E-13
Ba137m	0.	0.	0.	0.	4.E-06	3.E+05	0.	0.	0.	0.	0.	0.	0.	0.
Bi210	5.E-18	1.E-10	3.E-19	7.E-12	3.E-19	8.E-12	0.	0.	5.E-19	1.E-11	2.E-21	5.E-14	2.E-20	5.E-13
Bi211	7.E-16	6.E-05	5.E-17	4.E-06	6.E-17	5.E-06	0.	0.	1.E-16	1.E-05	2.E-23	1.E-12	2.E-22	1.E-11
Bi213	3.E-19	1.E-09	3.E-17	1.E-07	1.E-18	6.E-09	0.	0.	1.E-20	4.E-11	5.E-24	2.E-14	5.E-23	2.E-13
Bi214	5.E-20	4.E-10	4.E-21	4.E-11	5.E-21	4.E-11	0.	0.	1.E-20	9.E-11	3.E-23	2.E-13	3.E-22	2.E-12
C14	2.E+00	1.E+02	4.E+01	2.E+03	2.E-03	1.E-01	0.	0.	0.	0.	0.	0.	0.	0.
Cm242	2.E-09	1.E-03	2.E-10	2.E-04	3.E-11	3.E-05	0.	0.	0.	0.	0.	0.	0.	0.
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	3.E-20	1.E-09	3.E-18	1.E-07	1.E-19	5.E-09	0.	0.	1.E-21	4.E-11	5.E-25	2.E-14	5.E-24	2.E-13
Fr223	1.E-16	9.E-07	7.E-18	6.E-08	8.E-18	7.E-08	0.	0.	2.E-17	2.E-07	2.E-24	2.E-14	2.E-23	2.E-13
I129	1.E-05	3.E-07	2.E-04	4.E-06	2.E-06	5.E-08	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	1.E-03	3.E+01	3.E-06	7.E-02	3.E-07	7.E-03	0.	0.	0.	0.	0.	0.	0.	0.
Ni63	2.E-02	7.E+01	5.E-01	2.E+03	6.E-02	2.E+02	0.	0.	0.	0.	0.	0.	0.	0.
Np237	7.E-04	1.E-04	1.E-04	2.E-05	1.E-05	2.E-06	0.	0.	8.E-04	1.E-04	4.E-06	6.E-07	4.E-05	6.E-06
Np239	1.E-12	6.E-05	8.E-13	5.E-05	8.E-14	5.E-06	0.	0.	0.	0.	0.	0.	0.	0.
Pa231	2.E-05	2.E-04	1.E-06	1.E-05	1.E-06	1.E-05	0.	0.	4.E-06	4.E-05	5.E-13	6.E-12	5.E-12	6.E-11
Pa233	3.E-11	1.E-04	5.E-12	2.E-05	5.E-13	2.E-06	0.	0.	3.E-11	1.E-04	1.E-13	6.E-07	1.E-12	6.E-06
Pa234m	4.E-11	6.E+00	3.E-12	4.E-01	4.E-12	6.E-01	0.	0.	2.E-11	3.E+00	0.	0.	0.	0.
Pb209	1.E-18	1.E-09	1.E-16	1.E-07	8.E-18	8.E-09	0.	0.	4.E-20	4.E-11	2.E-23	2.E-14	2.E-22	2.E-13
Pb210	8.E-15	1.E-10	4.E-16	7.E-12	1.E-15	2.E-11	0.	0.	7.E-16	1.E-11	3.E-18	4.E-14	3.E-17	4.E-13
Pb211	1.E-14	6.E-05	8.E-16	4.E-06	1.E-14	5.E-05	0.	0.	2.E-15	1.E-05	3.E-22	1.E-12	3.E-21	1.E-11
Pb214	6.E-20	4.E-10	5.E-21	4.E-11	1.E-20	9.E-11	0.	0.	1.E-20	9.E-11	3.E-23	2.E-13	3.E-22	2.E-12
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	1.E-16	1.E-10	7.E-18	7.E-12	8.E-18	7.E-12	0.	0.	1.E-17	1.E-11	4.E-20	4.E-14	4.E-19	4.E-13
Po213	4.E-28	1.E-09	4.E-26	1.E-07	2.E-27	5.E-09	0.	0.	2.E-29	4.E-11	7.E-33	2.E-14	7.E-32	2.E-13

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-110 MOLES	TANK B-110 CURIES	TANK B-111 MOLES	TANK B-111 CURIES	TANK B-112 MOLES	TANK B-112 CURIES	TANK B-201 MOLES	TANK B-201 CURIES	TANK B-202 MOLES	TANK B-202 CURIES	TANK B-203 MOLES	TANK B-203 CURIES	TANK B-204 MOLES	TANK B-204 CURIES
Po214	8.E-27	5.E-10	6.E-28	4.E-11	8.E-28	5.E-11	0.	0.	2.E-27	1.E-10	4.E-30	3.E-13	4.E-29	3.E-12
Po215	1.E-20	6.E-05	7.E-22	4.E-06	8.E-22	5.E-06	0.	0.	2.E-21	1.E-05	2.E-28	1.E-12	2.E-27	1.E-11
Po218	7.E-21	4.E-10	6.E-22	4.E-11	7.E-22	4.E-11	0.	0.	1.E-21	9.E-11	4.E-24	2.E-13	4.E-23	2.E-12
Pu238•	4.E-03	2.E+01	5.E-05	2.E-01	4.E-04	2.E+00	0.	0.	9.E-04	4.E+00	1.E-06	5.E-03	1.E-05	5.E-02
Pu239•	2.E+01	2.E+02	2.E+00	3.E+01	2.E-01	4.E+00	0.	0.	1.E+01	2.E+02	4.E-02	7.E-01	4.E-01	7.E+00
Pu240•	8.E-01	5.E+01	1.E-01	6.E+00	1.E-02	6.E-01	0.	0.	9.E-01	5.E+01	3.E-03	1.E-01	3.E-02	1.E+00
Pu241•	4.E-02	1.E+03	2.E-03	4.E+01	2.E-04	4.E+00	0.	0.	3.E-02	8.E+02	5.E-05	1.E+00	5.E-04	1.E+01
Ra223•	5.E-12	6.E-05	4.E-13	4.E-06	4.E-13	5.E-06	0.	0.	1.E-12	1.E-05	1.E-19	1.E-12	1.E-18	1.E-11
Ra225	1.E-16	1.E-09	1.E-14	1.E-07	6.E-16	5.E-09	0.	0.	5.E-18	4.E-11	2.E-21	2.E-14	2.E-20	2.E-13
Ra226.	2.E-12	4.E-10	2.E-13	4.E-11	2.E-13	4.E-11	0.	0.	4.E-13	9.E-11	1.E-15	2.E-13	1.E-14	2.E-12
Ru106•	2.E-03	6.E+02	2.E-07	6.E-02	2.E-12	6.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Sb126	1.E-06	1.E+01	1.E-09	1.E-02	1.E-10	2.E-03	0.	0.	0.	0.	0.	0.	0.	0.
Sb126m	1.E-09	1.E+01	1.E-12	1.E-02	2.E-13	2.E-03	0.	0.	0.	0.	0.	0.	0.	0.
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151.	3.E+00	1.E+04	6.E-03	2.E+01	6.E-04	2.E+00	0.	0.	0.	0.	0.	0.	0.	0.
Sn126	3.E+00	1.E+01	4.E-03	1.E-02	4.E-04	1.E-03	0.	0.	0.	0.	0.	0.	0.	0.
Sr90•	4.E-01	5.E+03	0.	0.	1.E-01	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.
Tc99•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227•	8.E-12	6.E-05	6.E-13	4.E-06	1.E-11	7.E-05	0.	0.	2.E-12	1.E-05	2.E-19	1.E-12	2.E-18	1.E-11
Th229	2.E-11	1.E-09	2.E-09	1.E-07	2.E-10	8.E-09	0.	0.	9.E-13	4.E-11	4.E-16	2.E-14	4.E-15	2.E-13
Th230•	3.E-08	1.E-07	2.E-09	8.E-09	3.E-09	1.E-08	0.	0.	7.E-09	3.E-08	1.E-11	6.E-11	1.E-10	6.E-10
Th231•	2.E-09	3.E-01	1.E-10	2.E-02	2.E-10	2.E-02	0.	0.	9.E-10	1.E-01	1.E-16	2.E-08	1.E-15	2.E-07
Th234•	1.E-06	6.E+00	8.E-08	4.E-01	1.E-07	6.E-01	0.	0.	5.E-07	3.E+00	0.	0.	0.	0.
Tl207	2.E-15	6.E-05	1.E-16	4.E-06	1.E-16	5.E-06	0.	0.	3.E-16	1.E-05	4.E-23	1.E-12	4.E-22	1.E-11
U233•	2.E-08	5.E-08	5.E-05	1.E-04	9.E-06	2.E-05	0.	0.	1.E-08	3.E-08	1.E-11	3.E-11	1.E-10	3.E-10
U234•	7.E-04	1.E-03	4.E-05	6.E-05	8.E-05	1.E-04	0.	0.	3.E-04	4.E-04	3.E-07	5.E-07	3.E-06	5.E-06
U235•	5.E+02	3.E-01	4.E+01	2.E-02	5.E+01	3.E-02	0.	0.	2.E+02	1.E-01	4.E-05	2.E-08	4.E-04	2.E-07
U238•	8.E+04	6.E+00	5.E+03	4.E-01	7.E+03	6.E-01	0.	0.	3.E+04	3.E+00	0.	0.	0.	0.
Y90•	1.E-04	5.E+03	0.	0.	3.E-03	2.E+05	0.	0.	0.	0.	0.	0.	0.	0.
Zr93•	2.E+02	6.E+01	4.E-01	9.E-02	4.E-02	9.E-03	0.	0.	0.	0.	0.	0.	0.	0.
Ag•	1.E-05	0.	2.E-04	0.	2.E-06	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	1.E+02	0.	1.E+05	0.	5.E+04	0.	0.	0.	2.E+03	0.	0.	0.	0.	0.
Ba•	5.E-08	0.	4.E+00	0.	5.E+01	0.	0.	0.	8.E-01	0.	0.	0.	0.	0.
Bi	1.E+07	0.	4.E+06	0.	4.E+05	0.	0.	0.	7.E+01	0.	7.E+02	0.	7.E+03	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK B-110 MOLES	TANK B-110 CURIES	TANK B-111 MOLES	TANK B-111 CURIES	TANK B-112 MOLES	TANK B-112 CURIES	TANK B-201 MOLES	TANK B-201 CURIES	TANK B-202 MOLES	TANK B-202 CURIES	TANK B-203 MOLES	TANK B-203 CURIES	TANK B-204 MOLES	TANK B-204 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	0.	0.	2.E+06	0.	9.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ca	2.E+00	0.	0.	0.	1.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	3.E+04	0.	8.E+03	0.	8.E+02	0.	0.	0.	9.E+01	0.	4.E+02	0.	4.E+03	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	3.E+04	0.	0.	0.	2.E+04	0.	6.E-06	0.	9.E-05	0.
Fe	5.E+05	0.	1.E+05	0.	1.E+04	0.	0.	0.	4.E+01	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	0.	0.	3.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	3.E+01	0.	3.E+02	0.	3.E+03	0.
Mn	0.	0.	4.E+01	0.	0.	0.	0.	0.	6.E+01	0.	6.E+02	0.	6.E+03	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	5.E+06	0.	2.E+07	0.	5.E+06	0.	0.	0.	0.	0.	0.	0.	0.	0.
Na	5.E+06	0.	3.E+07	0.	5.E+06	0.	0.	0.	2.E+04	0.	0.	0.	0.	0.
Ni	3.E+02	0.	9.E-03	0.	7.E+02	0.	0.	0.	5.E+01	0.	0.	0.	0.	0.
OH	1.E+06	0.	8.E+05	0.	2.E+05	0.	0.	0.	7.E+04	0.	5.E+03	0.	5.E+04	0.
PO4	1.E+07	0.	4.E+06	0.	4.E+05	0.	0.	0.	9.E-07	0.	8.E-06	0.	7.E-05	0.
Pb	5.E+00	0.	2.E-10	0.	2.E-03	0.	0.	0.	3.E-02	0.	2.E-17	0.	2.E-16	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	5.E-08	0.	7.E+05	0.	5.E+01	0.	0.	0.	8.E-01	0.	0.	0.	0.	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	7.E+00	0.	1.E-02	0.	3.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK BX-101 MOLES	TANK BX-101 CURIES	TANK BX-102 MOLES	TANK BX-102 CURIES	TANK BX-103 MOLES	TANK BX-103 CURIES	TANK BX-104 MOLES	TANK BX-104 CURIES	TANK BX-105 MOLES	TANK BX-105 CURIES	TANK BX-106 MOLES	TANK BX-106 CURIES	TANK BX-107 MOLES	TANK BX-107 CURIES
Ac225	9.E-16	1.E-08	8.E-16	1.E-08	1.E-15	2.E-08	2.E-15	3.E-08	4.E-15	5.E-08	4.E-15	6.E-08	4.E-16	5.E-09
Ac227	1.E-09	2.E-05	6.E-12	9.E-08	6.E-12	9.E-08	1.E-10	2.E-06	5.E-12	9.E-08	6.E-12	9.E-08	4.E-10	7.E-06
Am241	1.E-01	1.E+02	8.E-03	6.E+00	2.E-06	2.E-03	2.E-02	2.E+01	2.E-07	2.E-04	8.E-08	7.E-05	4.E-03	3.E+00
Am242	2.E-13	4.E-05	1.E-17	2.E-09	1.E-14	3.E-06	4.E-11	8.E-03	1.E-15	2.E-07	0.	0.	2.E-13	4.E-05
Am242m	2.E-08	4.E-05	1.E-12	2.E-09	1.E-09	3.E-06	4.E-06	8.E-03	8.E-11	2.E-07	0.	0.	2.E-08	4.E-05
Am243	2.E-06	1.E-04	2.E-11	9.E-10	2.E-08	9.E-07	6.E-05	3.E-03	1.E-09	6.E-08	0.	0.	2.E-06	9.E-05
At217	3.E-23	1.E-08	3.E-23	1.E-08	4.E-23	2.E-08	8.E-23	3.E-08	1.E-22	5.E-08	2.E-22	6.E-08	1.E-23	5.E-09
Ba137m	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E-05	4.E+06	2.E-07	2.E+04
Bi210	1.E-18	3.E-11	8.E-20	2.E-12	2.E-19	4.E-12	3.E-19	7.E-12	5.E-19	1.E-11	2.E-18	6.E-11	1.E-18	3.E-11
Bi211	2.E-16	2.E-05	1.E-18	9.E-08	1.E-18	9.E-08	2.E-17	2.E-06	1.E-18	9.E-08	1.E-18	9.E-08	8.E-17	7.E-06
Bi213	3.E-18	1.E-08	2.E-18	1.E-08	4.E-18	2.E-08	7.E-18	3.E-08	1.E-17	5.E-08	1.E-17	6.E-08	1.E-18	5.E-09
Bi214	2.E-20	2.E-10	5.E-22	4.E-12	2.E-22	2.E-12	5.E-21	5.E-11	2.E-22	2.E-12	1.E-22	1.E-12	1.E-20	1.E-10
C14	4.E-01	2.E+01	3.E-03	2.E-01	1.E+00	9.E+01	1.E-09	7.E-08	1.E-04	9.E-03	2.E+01	1.E+03	1.E-04	9.E-03
Cm242	4.E-11	3.E-05	3.E-15	2.E-09	3.E-12	2.E-06	8.E-09	7.E-03	2.E-13	2.E-07	0.	0.	4.E-11	3.E-05
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.E+01	1.E+01	0.	0.
Cs137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E+02	5.E+06	0.	0.
Fr221	3.E-19	1.E-08	3.E-19	1.E-08	4.E-19	2.E-08	7.E-19	3.E-08	1.E-18	5.E-08	1.E-18	6.E-08	1.E-19	5.E-09
Fr223	3.E-17	2.E-07	1.E-19	1.E-09	2.E-19	1.E-09	3.E-18	3.E-08	1.E-19	1.E-09	2.E-19	1.E-09	1.E-17	1.E-07
I129	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-04	5.E-06	0.	0.
Nb93m	2.E-05	6.E-01	4.E-13	1.E-08	2.E-12	4.E-08	2.E-05	5.E-01	4.E-13	1.E-08	2.E-14	6.E-10	7.E-05	2.E+00
Ni63	1.E-01	5.E+02	1.E-01	5.E+02	7.E-02	3.E+02	4.E-01	2.E+03	3.E+00	1.E+04	3.E-01	1.E+03	0.	0.
Np237	1.E-03	2.E-04	8.E-05	1.E-05	4.E-08	6.E-09	4.E-04	6.E-05	6.E-09	1.E-09	6.E-10	9.E-11	1.E-04	2.E-05
Np239	2.E-12	1.E-04	2.E-17	8.E-10	1.E-14	8.E-07	5.E-11	3.E-03	1.E-15	6.E-08	0.	0.	2.E-12	9.E-05
Pa231	5.E-06	6.E-05	5.E-08	5.E-07	5.E-08	5.E-07	9.E-07	1.E-05	5.E-08	5.E-07	5.E-08	5.E-07	2.E-06	2.E-05
Pa233	5.E-11	2.E-04	3.E-12	1.E-05	1.E-15	6.E-09	1.E-11	6.E-05	2.E-16	1.E-09	2.E-17	9.E-11	5.E-12	2.E-05
Pa234m	2.E-11	3.E+00	3.E-13	4.E-02	3.E-13	4.E-02	5.E-12	8.E-01	3.E-13	5.E-02	2.E-13	4.E-02	5.E-12	8.E-01
Pb209	1.E-17	1.E-08	1.E-17	1.E-08	2.E-17	2.E-08	3.E-17	3.E-08	5.E-17	5.E-08	6.E-17	6.E-08	5.E-18	5.E-09
Pb210	2.E-15	3.E-11	1.E-16	2.E-12	3.E-16	4.E-12	4.E-16	6.E-12	8.E-16	1.E-11	4.E-15	6.E-11	2.E-15	2.E-11
Pb211	3.E-15	2.E-05	2.E-17	9.E-08	2.E-17	9.E-08	3.E-16	2.E-06	2.E-17	9.E-08	2.E-17	9.E-08	1.E-15	7.E-06
Pb214	2.E-20	2.E-10	6.E-22	4.E-12	3.E-22	2.E-12	7.E-21	5.E-11	3.E-22	2.E-12	2.E-22	1.E-12	1.E-20	1.E-10
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	3.E-17	3.E-11	2.E-18	2.E-12	5.E-18	4.E-12	6.E-18	6.E-12	1.E-17	1.E-11	7.E-17	6.E-11	3.E-17	2.E-11
Po213	4.E-27	1.E-08	4.E-27	1.E-08	6.E-27	1.E-08	1.E-26	3.E-08	2.E-26	5.E-08	2.E-26	6.E-08	2.E-27	4.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-101 MOLES	TANK BX-101 CURIES	TANK BX-102 MOLES	TANK BX-102 CURIES	TANK BX-103 MOLES	TANK BX-103 CURIES	TANK BX-104 MOLES	TANK BX-104 CURIES	TANK BX-105 MOLES	TANK BX-105 CURIES	TANK BX-106 MOLES	TANK BX-106 CURIES	TANK BX-107 MOLES	TANK BX-107 CURIES
Po214	3.E-27	2.E-10	8.E-29	5.E-12	3.E-29	2.E-12	9.E-28	6.E-11	4.E-29	3.E-12	2.E-29	1.E-12	2.E-27	1.E-10
Po215	3.E-21	2.E-05	1.E-23	9.E-08	1.E-23	9.E-08	3.E-22	2.E-06	1.E-23	9.E-08	1.E-23	9.E-08	1.E-21	7.E-08
Po218	3.E-21	2.E-10	7.E-23	4.E-12	3.E-23	2.E-12	8.E-22	5.E-11	4.E-23	2.E-12	2.E-23	1.E-12	2.E-21	1.E-10
Pu238	3.E-03	1.E+01	3.E-04	1.E+00	5.E-05	2.E-01	4.E-04	2.E+00	5.E-05	2.E-01	6.E-05	3.E-01	3.E-05	1.E-01
Pu239	3.E+01	5.E+02	2.E+00	3.E+01	2.E-05	2.E-04	4.E+00	6.E+01	3.E-05	5.E-04	7.E-05	1.E-03	3.E+00	5.E+01
Pu240	3.E+00	1.E+02	2.E-01	9.E+00	6.E-06	3.E-04	3.E-01	2.E+01	4.E-05	2.E-03	2.E-04	1.E-02	8.E-02	5.E+00
Pu241	2.E-01	4.E+03	1.E-02	3.E+02	1.E-07	3.E-03	1.E-02	3.E+02	8.E-08	2.E-03	2.E-07	5.E-03	6.E-04	1.E+01
Ra223	1.E-12	2.E-05	8.E-15	9.E-08	8.E-15	9.E-08	2.E-13	2.E-06	8.E-15	9.E-08	8.E-15	9.E-08	6.E-13	7.E-06
Ra225	1.E-15	1.E-08	1.E-15	1.E-08	2.E-15	2.E-08	3.E-15	3.E-08	6.E-15	5.E-08	7.E-15	6.E-08	5.E-16	5.E-09
Ra226	8.E-13	2.E-10	2.E-14	4.E-12	8.E-15	2.E-12	2.E-13	5.E-11	1.E-14	2.E-12	5.E-15	1.E-12	5.E-13	1.E-10
Ru106	3.E-07	1.E-01	5.E-07	2.E-01	1.E-06	5.E-01	3.E-06	1.E+00	6.E-06	2.E+00	4.E-06	2.E+00	9.E-11	3.E-05
Sb126	1.E-08	1.E-01	5.E-16	5.E-09	3.E-15	3.E-08	2.E-08	2.E-01	9.E-15	9.E-08	2.E-15	2.E-08	3.E-08	3.E-01
Sb126m	1.E-11	1.E-01	5.E-19	5.E-09	3.E-18	3.E-08	2.E-11	2.E-01	1.E-17	9.E-08	3.E-18	2.E-08	4.E-11	3.E-01
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	7.E-02	3.E+02	4.E-08	2.E-04	1.E-06	4.E-03	4.E-02	2.E+02	6.E-07	2.E-03	7.E-07	3.E-03	3.E-01	1.E+03
Sn126	4.E-02	1.E-01	1.E-09	5.E-09	8.E-09	3.E-08	5.E-02	2.E-01	3.E-08	9.E-08	7.E-09	2.E-08	1.E-01	3.E-01
Sr90	0.	0.	1.E+01	1.E+05	2.E+01	3.E+05	2.E+00	2.E+04	8.E+00	1.E+05	7.E+00	9.E+04	4.E+00	5.E+04
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	2.E-12	2.E-05	1.E-14	9.E-08	1.E-14	9.E-08	2.E-13	2.E-06	1.E-14	8.E-08	1.E-14	9.E-08	4.E-12	3.E-05
Th229	2.E-10	1.E-08	2.E-10	1.E-08	3.E-10	2.E-08	6.E-10	3.E-08	1.E-09	5.E-08	1.E-09	6.E-08	1.E-10	5.E-09
Th230	1.E-08	6.E-08	5.E-10	2.E-09	2.E-10	8.E-10	4.E-09	2.E-08	2.E-10	9.E-10	1.E-10	6.E-10	4.E-09	2.E-08
Th231	1.E-09	1.E-01	2.E-11	2.E-03	2.E-11	2.E-03	3.E-10	3.E-02	2.E-11	2.E-03	2.E-11	2.E-03	3.E-10	3.E-02
Th234	6.E-07	3.E+00	8.E-09	4.E-02	8.E-09	4.E-02	2.E-07	8.E-01	8.E-09	5.E-02	7.E-09	4.E-02	1.E-07	8.E-01
Tl207	4.E-16	2.E-05	2.E-18	9.E-08	2.E-18	9.E-08	5.E-17	2.E-06	2.E-18	9.E-08	2.E-18	9.E-08	2.E-16	7.E-06
U233	5.E-06	1.E-05	4.E-06	9.E-06	6.E-06	1.E-05	1.E-05	2.E-05	2.E-05	5.E-05	3.E-05	6.E-05	1.E-06	3.E-06
U234	5.E-04	7.E-04	3.E-05	4.E-05	7.E-06	1.E-05	1.E-04	2.E-04	8.E-06	1.E-05	7.E-06	1.E-05	6.E-05	9.E-05
U235	3.E+02	1.E-01	4.E+00	2.E-03	4.E+00	2.E-03	7.E+01	3.E-02	4.E+00	2.E-03	4.E+00	2.E-03	7.E+01	3.E-02
U238	4.E+04	3.E+00	6.E+02	4.E-02	5.E+02	4.E-02	1.E+04	8.E-01	6.E+02	5.E-02	5.E+02	4.E-02	1.E+04	8.E-01
Y90	0.	0.	3.E-03	1.E+05	6.E-03	3.E+05	5.E-04	2.E+04	2.E-03	1.E+05	2.E-03	9.E+04	1.E-03	5.E+04
Zr93	4.E+00	9.E-01	6.E-08	1.E-08	2.E-07	6.E-08	4.E+00	9.E-01	6.E-08	1.E-08	4.E-09	9.E-10	1.E+01	2.E+00
Ag	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-04	0.	0.	0.
Al	1.E+06	0.	4.E+06	0.	4.E+06	0.	5.E+05	0.	1.E+06	0.	2.E+06	0.	9.E+02	0.
Ba	3.E+00	0.	3.E+00	0.	5.E+00	0.	3.E+00	0.	9.E+00	0.	1.E+02	0.	3.E+00	0.
Bi	2.E-13	0.	3.E-12	0.	3.E-13	0.	5.E-13	0.	2.E-04	0.	1.E-12	0.	7.E+04	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-101 MOLES	TANK BX-101 CURIES	TANK BX-102 MOLES	TANK BX-102 CURIES	TANK BX-103 MOLES	TANK BX-103 CURIES	TANK BX-104 MOLES	TANK BX-104 CURIES	TANK BX-105 MOLES	TANK BX-105 CURIES	TANK BX-106 MOLES	TANK BX-106 CURIES	TANK BX-107 MOLES	TANK BX-107 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	1.E+05	0.	4.E+02	0.	1.E+06	0.	1.E-04	0.	1.E+00	0.	1.E+06	0.	2.E+04	0.
Ca	4.E+03	0.	4.E+02	0.	5.E+01	0.	0.	0.	1.E+00	0.	3.E-01	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	3.E-01	0.	2.E-02	0.	3.E-06	0.	2.E-05	0.	2.E-05	0.	4.E-12	0.	1.E+04	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	1.E+03	0.	9.E+05	0.	0.	0.	8.E+03	0.	2.E+05	0.	0.	0.
Fe	1.E+05	0.	1.E+04	0.	1.E+03	0.	0.	0.	7.E-05	0.	1.E+01	0.	2.E+05	0.
Fe(CN)6	2.E+01	0.	3.E+03	0.	6.E+02	0.	8.E+00	0.	6.E+00	0.	1.E+00	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+05	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	3.E+02	0.	9.E+01	0.	2.E+01	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	5.E-04	0.	9.E+05	0.	5.E+07	0.	4.E+07	0.	4.E+07	0.	8.E+07	0.	5.E-07	0.
Na	2.E+05	0.	9.E+05	0.	6.E+07	0.	4.E+07	0.	4.E+07	0.	9.E+07	0.	3.E+04	0.
Ni	1.E+04	0.	6.E+03	0.	1.E+03	0.	2.E+01	0.	2.E+04	0.	5.E+03	0.	0.	0.
OH	4.E+06	0.	1.E+07	0.	1.E+07	0.	2.E+06	0.	4.E+06	0.	7.E+06	0.	6.E+05	0.
PO4	0.	0.	3.E-12	0.	4.E+04	0.	0.	0.	2.E+05	0.	1.E+06	0.	7.E+04	0.
Pb	9.E+03	0.	1.E+04	0.	1.E+03	0.	7.E-10	0.	7.E-02	0.	2.E+04	0.	1.E-10	0.
SiO3	0.	0.	0.	0.	1.E+05	0.	0.	0.	0.	0.	6.E+04	0.	0.	0.
SO4	2.E+03	0.	1.E+04	0.	2.E+05	0.	3.E+00	0.	9.E+00	0.	5.E+05	0.	3.E+00	0.
Sr	0.	0.	3.E+02	0.	4.E+02	0.	1.E+02	0.	9.E+02	0.	5.E+01	0.	0.	0.
ZrO	3.E+00	0.	6.E+00	0.	1.E+01	0.	3.E+00	0.	8.E+00	0.	2.E+01	0.	2.E+04	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK BX-108 MOLES	TANK BX-108 CURIES	TANK BX-109 MOLES	TANK BX-109 CURIES	TANK BX-110 MOLES	TANK BX-110 CURIES	TANK BX-111 MOLES	TANK BX-111 CURIES	TANK BX-112 MOLES	TANK BX-112 CURIES	TANK BY-101 MOLES	TANK BY-101 CURIES	TANK BY-102 MOLES	TANK BY-102 CURIES
Ac225	3.E-16	4.E-09	8.E-16	1.E-08	1.E-15	2.E-08	1.E-15	1.E-08	3.E-16	4.E-09	4.E-15	6.E-08	2.E-15	2.E-08
Ac227	8.E-11	1.E-06	2.E-09	4.E-05	1.E-10	2.E-06	4.E-11	7.E-07	2.E-08	3.E-04	3.E-11	4.E-07	9.E-11	1.E-06
Am241	4.E-04	3.E-01	3.E-02	3.E+01	2.E-03	2.E+00	2.E-04	2.E-01	3.E-03	2.E+00	2.E-05	2.E-02	8.E-06	6.E-03
Am242	2.E-14	4.E-06	3.E-10	5.E-02	1.E-13	2.E-05	1.E-14	2.E-06	3.E-11	6.E-03	3.E-15	5.E-07	3.E-14	6.E-06
Am242m	2.E-09	4.E-06	2.E-05	5.E-02	9.E-09	2.E-05	1.E-09	2.E-06	3.E-06	7.E-03	2.E-10	5.E-07	2.E-09	6.E-06
Am243	2.E-07	9.E-06	4.E-05	2.E-03	1.E-06	5.E-05	1.E-07	5.E-06	5.E-06	2.E-04	3.E-08	2.E-06	4.E-08	2.E-06
At217	1.E-23	4.E-09	3.E-23	1.E-08	5.E-23	2.E-08	4.E-23	1.E-08	1.E-23	4.E-09	2.E-22	6.E-08	6.E-23	2.E-08
Ba137m	6.E-09	4.E+02	2.E-07	2.E+04	6.E-06	4.E+05	6.E-06	4.E+05	1.E-07	8.E+03	8.E-06	6.E+05	0.	0.
Bi210	2.E-19	4.E-12	1.E-17	3.E-10	1.E-19	4.E-12	6.E-20	2.E-12	1.E-17	3.E-10	1.E-18	4.E-11	2.E-19	6.E-12
Bi211	1.E-17	1.E-06	4.E-16	4.E-05	2.E-17	2.E-06	8.E-18	7.E-07	4.E-15	3.E-04	5.E-18	4.E-07	2.E-17	1.E-06
Bi213	9.E-19	4.E-09	3.E-18	1.E-08	4.E-18	2.E-08	3.E-18	1.E-08	1.E-18	4.E-09	1.E-17	6.E-08	5.E-18	2.E-08
Bi214	2.E-21	2.E-11	1.E-19	9.E-10	2.E-21	2.E-11	7.E-22	7.E-12	2.E-19	2.E-09	5.E-22	4.E-12	4.E-21	3.E-11
C14	2.E-05	1.E-03	2.E-02	1.E+00	3.E-04	2.E-02	2.E-04	2.E-02	0.	0.	6.E-07	4.E-05	3.E-04	2.E-02
Cm242	4.E-12	3.E-06	5.E-08	4.E-02	2.E-11	2.E-05	2.E-12	2.E-06	7.E-09	5.E-03	6.E-13	5.E-07	6.E-12	5.E-06
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	1.E-19	4.E-09	3.E-19	1.E-08	4.E-19	2.E-08	3.E-19	1.E-08	1.E-19	4.E-09	1.E-18	6.E-08	5.E-19	2.E-08
Fr223	2.E-18	2.E-08	6.E-17	5.E-07	3.E-18	3.E-08	1.E-18	1.E-08	5.E-16	5.E-06	7.E-19	6.E-09	2.E-18	2.E-08
I129	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	7.E-06	2.E-01	6.E-04	2.E+01	1.E-05	4.E-01	1.E-06	4.E-02	1.E-05	3.E-01	4.E-07	1.E-02	4.E-08	1.E-03
Ni63	0.	0.	0.	0.	1.E-03	6.E+00	9.E-04	3.E+00	0.	0.	1.E-01	5.E+02	2.E-01	8.E+02
Np237	1.E-05	2.E-06	1.E-03	2.E-04	8.E-05	1.E-05	8.E-06	1.E-06	1.E-04	2.E-05	1.E-06	2.E-07	2.E-07	4.E-08
Np239	2.E-13	9.E-06	4.E-11	2.E-03	8.E-13	5.E-05	8.E-14	5.E-06	4.E-12	2.E-04	3.E-14	1.E-06	4.E-14	2.E-06
Pa231	3.E-07	4.E-06	1.E-05	1.E-04	6.E-07	6.E-06	2.E-07	2.E-06	9.E-05	1.E-03	1.E-07	1.E-06	6.E-07	6.E-06
Pa233	5.E-13	2.E-06	5.E-11	2.E-04	3.E-12	1.E-05	3.E-13	1.E-06	3.E-12	2.E-05	4.E-14	2.E-07	8.E-15	4.E-08
Pa234m	9.E-13	1.E-01	3.E-11	4.E+00	1.E-12	2.E-01	6.E-13	1.E-01	2.E-10	4.E+01	3.E-13	5.E-02	3.E-12	4.E-01
Pb209	4.E-18	4.E-09	1.E-17	1.E-08	2.E-17	2.E-08	1.E-17	1.E-08	4.E-18	4.E-09	6.E-17	6.E-08	2.E-17	2.E-08
Pb210	2.E-16	4.E-12	2.E-14	2.E-10	2.E-16	3.E-12	9.E-17	1.E-12	2.E-14	3.E-10	2.E-15	3.E-11	4.E-16	6.E-12
Pb211	2.E-16	1.E-06	7.E-15	4.E-05	4.E-16	2.E-06	1.E-16	7.E-07	6.E-14	3.E-04	9.E-17	4.E-07	3.E-16	1.E-06
Pb214	2.E-21	2.E-11	1.E-19	9.E-10	3.E-21	2.E-11	1.E-21	7.E-12	3.E-19	2.E-09	6.E-22	4.E-12	5.E-21	4.E-11
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	4.E-18	4.E-12	3.E-16	2.E-10	4.E-18	3.E-12	1.E-18	1.E-12	3.E-16	3.E-10	4.E-17	4.E-11	6.E-18	6.E-12
Po213	1.E-27	4.E-09	4.E-27	1.E-08	6.E-27	2.E-08	5.E-27	1.E-08	1.E-27	4.E-09	2.E-26	5.E-08	8.E-27	2.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-108 MOLES	TANK BX-108 CURIES	TANK BX-109 MOLES	TANK BX-109 CURIES	TANK BX-110 MOLES	TANK BX-110 CURIES	TANK BX-111 MOLES	TANK BX-111 CURIES	TANK BX-112 MOLES	TANK BX-112 CURIES	TANK BY-101 MOLES	TANK BY-101 CURIES	TANK BY-102 MOLES	TANK BY-102 CURIES
Po214	3.E-28	2.E-11	2.E-26	1.E-09	3.E-28	2.E-11	1.E-28	9.E-12	3.E-26	2.E-09	8.E-29	5.E-12	6.E-28	4.E-11
Po215	2.E-22	1.E-06	6.E-21	4.E-05	3.E-22	2.E-06	1.E-22	7.E-07	5.E-20	3.E-04	7.E-23	4.E-07	2.E-22	1.E-06
Po218	3.E-22	2.E-11	2.E-20	9.E-10	3.E-22	2.E-11	1.E-22	7.E-12	3.E-20	2.E-09	7.E-23	4.E-12	6.E-22	4.E-11
Pu238•	3.E-06	1.E-02	1.E-04	5.E-01	3.E-05	1.E-01	9.E-06	4.E-02	3.E-05	1.E-01	3.E-05	1.E-01	5.E-05	2.E-01
Pu239•	3.E-01	5.E+00	4.E+00	6.E+01	1.E+00	2.E+01	1.E-01	2.E+00	8.E-01	1.E+01	3.E-03	4.E-02	3.E-04	4.E-03
Pu240•	8.E-03	5.E-01	1.E-01	7.E+00	4.E-02	2.E+00	4.E-03	2.E-01	4.E-02	2.E+00	1.E-04	8.E-03	2.E-05	1.E-03
Pu241•	6.E-05	1.E+00	1.E-03	3.E+01	4.E-04	1.E+01	4.E-05	1.E+00	7.E-04	2.E+01	1.E-06	3.E-02	1.E-07	4.E-03
Ra223•	1.E-13	1.E-06	3.E-12	4.E-05	2.E-13	2.E-06	6.E-14	7.E-07	3.E-11	3.E-04	4.E-14	4.E-07	1.E-13	1.E-06
Ra225	4.E-16	4.E-09	1.E-15	1.E-08	2.E-15	2.E-08	1.E-15	1.E-08	4.E-16	4.E-09	6.E-15	6.E-08	2.E-15	2.E-08
Ra226•	7.E-14	2.E-11	4.E-12	9.E-10	8.E-14	2.E-11	3.E-14	7.E-12	8.E-12	2.E-09	2.E-14	4.E-12	2.E-13	4.E-11
Ru106•	9.E-12	3.E-06	3.E-09	9.E-04	5.E-11	2.E-05	5.E-12	2.E-06	2.E-10	6.E-05	8.E-13	3.E-07	2.E-08	9.E-03
Sb126	3.E-09	3.E-02	3.E-07	3.E+00	7.E-09	7.E-02	7.E-10	7.E-03	6.E-09	6.E-02	2.E-10	2.E-03	2.E-11	2.E-04
Sb126m	4.E-12	3.E-02	3.E-10	3.E+00	7.E-12	7.E-02	7.E-13	7.E-03	6.E-12	6.E-02	2.E-13	2.E-03	2.E-14	2.E-04
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151•	3.E-02	1.E+02	2.E+00	8.E+03	3.E-02	1.E+02	3.E-03	1.E+01	2.E-02	8.E+01	1.E-03	5.E+00	1.E-04	5.E-01
Sn126	1.E-02	3.E-02	9.E-01	3.E+00	2.E-02	7.E-02	2.E-03	7.E-03	2.E-02	6.E-02	6.E-04	2.E-03	6.E-05	2.E-04
Sr90•	5.E-01	6.E+03	4.E+01	5.E+05	8.E-01	1.E+04	9.E-02	1.E+03	0.	0.	6.E+00	7.E+04	6.E+00	7.E+04
Tc99•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227•	2.E-13	1.E-06	8.E-12	5.E-05	2.E-11	1.E-04	2.E-11	1.E-04	5.E-11	3.E-04	2.E-11	1.E-04	2.E-13	1.E-06
Th229	8.E-11	4.E-09	2.E-10	1.E-08	4.E-10	2.E-08	4.E-10	2.E-08	8.E-11	4.E-09	1.E-09	6.E-08	4.E-10	2.E-08
Th230•	6.E-10	3.E-09	3.E-08	1.E-07	9.E-10	4.E-09	3.E-10	1.E-09	9.E-08	4.E-07	2.E-10	1.E-09	2.E-09	1.E-08
Th231•	5.E-11	6.E-03	1.E-09	2.E-01	8.E-11	1.E-02	3.E-11	4.E-03	1.E-08	2.E+00	2.E-11	2.E-03	1.E-10	2.E-02
Th234•	3.E-08	1.E-01	8.E-07	4.E+00	4.E-08	2.E-01	2.E-08	1.E-01	7.E-06	4.E+01	1.E-08	5.E-02	8.E-08	4.E-01
T1207	3.E-17	1.E-06	9.E-16	4.E-05	5.E-17	2.E-06	2.E-17	7.E-07	8.E-15	3.E-04	1.E-17	4.E-07	4.E-17	1.E-06
U233•	1.E-06	2.E-06	3.E-06	6.E-06	2.E-05	4.E-05	2.E-05	4.E-05	1.E-06	3.E-06	4.E-05	8.E-05	9.E-06	2.E-05
U234•	1.E-05	1.E-05	3.E-04	5.E-04	2.E-05	3.E-05	7.E-06	1.E-05	2.E-03	3.E-03	7.E-06	1.E-05	7.E-05	1.E-04
U235•	1.E+01	6.E-03	4.E+02	2.E-01	2.E+01	1.E-02	9.E+00	4.E-03	3.E+03	2.E+00	4.E+00	2.E-03	4.E+01	2.E-02
U238•	2.E+03	1.E-01	5.E+04	4.E+00	3.E+03	2.E-01	1.E+03	1.E-01	5.E+05	4.E+01	7.E+02	5.E-02	5.E+03	4.E-01
Y90•	1.E-04	6.E+03	1.E-02	5.E+05	6.E-03	3.E+05	6.E-03	3.E+05	1.E-04	5.E+03	9.E-03	4.E+05	1.E-03	7.E+04
Zr93•	1.E+00	2.E-01	9.E+01	2.E+01	2.E+00	5.E-01	2.E-01	5.E-02	2.E+00	4.E-01	6.E-02	1.E-02	6.E-03	1.E-03
Ag •	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	3.E+05	0.	3.E+05	0.	4.E+05	0.	1.E+03	0.	2.E+05	0.	4.E+05	0.	1.E+06	0.
Ba •	2.E+00	0.	1.E+01	0.	1.E+01	0.	1.E+01	0.	2.E+00	0.	3.E+01	0.	8.E+00	0.
Bi	7.E+03	0.	8.E+02	0.	5.E+04	0.	5.E+03	0.	3.E+04	0.	7.E-13	0.	2.E-12	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS) 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BX-108 MOLES	TANK BX-108 CURIES	TANK BX-109 MOLES	TANK BX-109 CURIES	TANK BX-110 MOLES	TANK BX-110 CURIES	TANK BX-111 MOLES	TANK BX-111 CURIES	TANK BX-112 MOLES	TANK BX-112 CURIES	TANK BY-101 MOLES	TANK BY-101 CURIES	TANK BY-102 MOLES	TANK BY-102 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	3.E+03	0.	1.E+05	0.	7.E+03	0.	3.E+03	0.	0.	0.	1.E+02	0.	2.E+03	0.
Ca	0.	0.	0.	0.	0.	0.	2.E-03	0.	0.	0.	2.E-03	0.	2.E-02	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	1.E+03	0.	1.E+02	0.	7.E+03	0.	7.E+02	0.	4.E+03	0.	0.	0.	2.E-12	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	2.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+06	0.
Fe	2.E+04	0.	2.E+03	0.	1.E+05	0.	1.E+04	0.	6.E+04	0.	0.	0.	2.E-01	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+00	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E+01	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	5.E-08	0.	7.E-05	0.	4.E+06	0.	3.E+06	0.	0.	0.	7.E+06	0.	3.E+07	0.
Na	2.E+04	0.	2.E+05	0.	4.E+06	0.	4.E+06	0.	5.E+05	0.	9.E+06	0.	3.E+07	0.
Ni	0.	0.	0.	0.	1.E-01	0.	7.E-02	0.	0.	0.	2.E+00	0.	1.E+02	0.
OH	1.E+06	0.	9.E+05	0.	1.E+06	0.	4.E+04	0.	9.E+05	0.	1.E+06	0.	5.E+06	0.
PO4	7.E+03	0.	6.E+02	0.	1.E+05	0.	3.E+05	0.	5.E+05	0.	5.E+05	0.	0.	0.
Pb	3.E-11	0.	7.E-10	0.	2.E-10	0.	2.E-10	0.	6.E-09	0.	8.E-03	0.	1.E+00	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	2.E+00	0.	1.E+01	0.	1.E+01	0.	1.E+01	0.	2.E+00	0.	3.E+01	0.	8.E+00	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.E+03	0.
ZrO	2.E+03	0.	3.E+02	0.	2.E+04	0.	2.E+03	0.	9.E+03	0.	1.E+01	0.	4.E+00	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK BY-103 MOLES	TANK BY-103 CURIES	TANK BY-104 MOLES	TANK BY-104 CURIES	TANK BY-105 MOLES	TANK BY-105 CURIES	TANK BY-106 MOLES	TANK BY-106 CURIES	TANK BY-107 MOLES	TANK BY-107 CURIES	TANK BY-108 MOLES	TANK BY-108 CURIES	TANK BY-109 MOLES	TANK BY-109 CURIES
Ac225	4.E-15	5.E-08	2.E-15	3.E-08	2.E-15	3.E-08	2.E-15	3.E-08	2.E-15	2.E-08	2.E-15	2.E-08	1.E-15	2.E-08
Ac227•	8.E-10	1.E-05	2.E-08	3.E-04	7.E-09	1.E-04	3.E-11	5.E-07	2.E-09	3.E-05	1.E-10	2.E-06	5.E-11	8.E-07
Am241•	2.E-01	2.E+02	2.E-01	1.E+02	1.E-01	9.E+01	5.E-02	4.E+01	4.E-02	3.E+01	5.E-02	4.E+01	1.E-08	1.E-05
Am242•	1.E-10	2.E-02	5.E-10	1.E-01	5.E-10	1.E-01	7.E-11	1.E-02	8.E-11	2.E-02	7.E-11	1.E-02	0.	0.
Am242m•	8.E-06	2.E-02	4.E-05	1.E-01	4.E-05	1.E-01	6.E-06	1.E-02	7.E-06	2.E-02	6.E-06	1.E-02	0.	0.
Am243•	1.E-04	7.E-03	1.E-03	5.E-02	5.E-04	3.E-02	4.E-04	2.E-02	3.E-04	2.E-02	4.E-04	2.E-02	0.	0.
At217	1.E-22	5.E-08	9.E-23	3.E-08	9.E-23	3.E-08	9.E-23	3.E-08	7.E-23	2.E-08	6.E-23	2.E-08	4.E-23	2.E-08
Ba137m	0.	0.	8.E-06	6.E+05	6.E-06	5.E+05	8.E-06	6.E+05	3.E-06	2.E+05	4.E-06	3.E+05	3.E-06	2.E+05
Bi210•	2.E-18	5.E-11	2.E-17	6.E-10	2.E-17	5.E-10	3.E-18	8.E-11	5.E-18	1.E-10	3.E-18	7.E-11	3.E-20	8.E-13
Bi211	2.E-16	1.E-05	4.E-15	3.E-04	1.E-15	1.E-04	5.E-18	5.E-07	4.E-16	3.E-05	4.E-16	4.E-05	9.E-18	8.E-07
Bi213	1.E-17	5.E-08	8.E-18	3.E-08	8.E-18	3.E-08	8.E-18	3.E-08	6.E-18	2.E-08	6.E-18	3.E-08	4.E-18	2.E-08
Bi214	3.E-20	3.E-10	4.E-19	4.E-09	2.E-19	2.E-09	4.E-20	4.E-10	6.E-20	6.E-10	5.E-20	4.E-10	6.E-22	6.E-12
C14 •	1.E-01	6.E+00	6.E-02	4.E+00	1.E-01	8.E+00	1.E-04	6.E-03	1.E-03	9.E-02	7.E-03	5.E-01	8.E-08	5.E-06
Cm242•	2.E-08	2.E-02	1.E-07	8.E-02	1.E-07	8.E-02	1.E-08	1.E-02	2.E-08	1.E-02	1.E-08	1.E-02	0.	0.
Cm244•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	1.E-18	5.E-08	8.E-19	3.E-08	8.E-19	3.E-08	8.E-19	3.E-08	6.E-19	2.E-08	6.E-19	2.E-08	4.E-19	2.E-08
Fr223	2.E-17	2.E-07	5.E-16	5.E-06	2.E-16	2.E-06	7.E-19	6.E-09	6.E-17	5.E-07	3.E-18	3.E-08	1.E-18	1.E-08
I129 •	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m•	7.E-05	2.E+00	8.E-04	2.E+01	7.E-04	2.E+01	2.E-04	6.E+00	2.E-04	5.E+00	2.E-04	4.E+00	0.	0.
Ni63 •	9.E-01	4.E+03	5.E-01	2.E+03	5.E-01	2.E+03	9.E-02	3.E+02	2.E-01	8.E+02	3.E-01	1.E+03	1.E-01	5.E+02
Np237•	3.E-03	5.E-04	4.E-03	6.E-04	4.E-03	7.E-04	2.E-03	3.E-04	1.E-03	2.E-04	1.E-03	2.E-04	9.E-11	2.E-11
Np239•	1.E-10	7.E-03	9.E-10	5.E-02	5.E-10	3.E-02	3.E-10	2.E-02	3.E-10	1.E-02	3.E-10	2.E-02	0.	0.
Pa231•	6.E-06	7.E-05	9.E-05	1.E-03	4.E-05	4.E-04	2.E-07	3.E-06	1.E-05	1.E-04	1.E-06	1.E-05	4.E-07	4.E-06
Pa233•	1.E-10	5.E-04	1.E-10	6.E-04	1.E-10	7.E-04	6.E-11	3.E-04	5.E-11	2.E-04	3.E-11	2.E-04	3.E-18	2.E-11
Pa234m	3.E-11	5.E+00	3.E-10	5.E+01	1.E-10	2.E+01	2.E-12	2.E-01	3.E-11	5.E+00	6.E-12	9.E-01	2.E-12	3.E-01
Pb209	5.E-17	5.E-08	3.E-17	3.E-08	3.E-17	3.E-08	3.E-17	3.E-08	3.E-17	2.E-08	2.E-17	2.E-08	2.E-17	2.E-08
Pb210•	3.E-15	5.E-11	4.E-14	6.E-10	3.E-14	4.E-10	5.E-15	8.E-11	7.E-15	1.E-10	3.E-15	5.E-11	5.E-17	8.E-13
Pb211	3.E-15	1.E-05	6.E-14	3.E-04	2.E-14	1.E-04	9.E-17	4.E-07	7.E-15	3.E-05	4.E-16	2.E-06	1.E-16	8.E-07
Pb214	4.E-20	3.E-10	5.E-19	4.E-09	3.E-19	2.E-09	6.E-20	4.E-10	8.E-20	6.E-10	6.E-20	4.E-10	8.E-22	6.E-12
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210•	5.E-17	5.E-11	6.E-16	6.E-10	5.E-16	4.E-10	8.E-17	7.E-11	1.E-16	1.E-10	5.E-17	5.E-11	8.E-19	7.E-13
Po213	2.E-26	5.E-08	1.E-26	3.E-08	1.E-26	3.E-08	1.E-26	3.E-08	9.E-27	2.E-08	8.E-27	2.E-08	6.E-27	2.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-103 MOLES	TANK BY-103 CURIES	TANK BY-104 MOLES	TANK BY-104 CURIES	TANK BY-105 MOLES	TANK BY-105 CURIES	TANK BY-106 MOLES	TANK BY-106 CURIES	TANK BY-107 MOLES	TANK BY-107 CURIES	TANK BY-108 MOLES	TANK BY-108 CURIES	TANK BY-109 MOLES	TANK BY-109 CURIES
Po214	5.E-27	3.E-10	7.E-26	5.E-09	4.E-26	3.E-09	7.E-27	5.E-10	1.E-26	7.E-10	7.E-27	5.E-10	1.E-28	7.E-12
Po215	2.E-21	1.E-05	5.E-20	3.E-04	2.E-20	1.E-04	7.E-23	5.E-07	5.E-21	3.E-05	3.E-22	2.E-06	1.E-22	8.E-07
Po218	4.E-21	3.E-10	6.E-20	4.E-09	3.E-20	2.E-09	7.E-21	4.E-10	9.E-21	6.E-10	6.E-21	4.E-10	9.E-23	6.E-12
Pu238•	5.E-03	2.E+01	1.E-02	4.E+01	3.E-03	1.E+01	3.E-03	1.E+01	2.E-03	7.E+00	3.E-03	1.E+01	4.E-05	2.E-01
Pu239•	6.E+01	9.E+02	1.E+01	2.E+02	6.E+00	9.E+01	2.E+00	3.E+01	2.E+00	3.E+01	2.E+00	3.E+01	5.E-06	7.E-05
Pu240•	4.E+00	2.E+02	5.E-01	3.E+01	3.E-01	2.E+01	1.E-01	6.E+00	1.E-01	6.E+00	1.E-01	6.E+00	2.E-05	9.E-04
Pu241•	2.E-01	4.E+03	8.E-03	2.E+02	5.E-03	1.E+02	2.E-03	6.E+01	2.E-03	5.E+01	2.E-03	6.E+01	3.E-08	6.E-04
Ra223•	1.E-12	1.E-05	3.E-11	3.E-04	1.E-11	1.E-04	4.E-14	4.E-07	3.E-12	3.E-05	2.E-13	2.E-06	7.E-14	8.E-07
Ra225	6.E-15	5.E-08	3.E-15	3.E-08	4.E-15	3.E-08	4.E-15	3.E-08	3.E-15	2.E-08	3.E-15	2.E-08	2.E-15	2.E-08
Ra226•	1.E-12	3.E-10	2.E-11	4.E-09	9.E-12	2.E-09	2.E-12	4.E-10	3.E-12	6.E-10	2.E-12	4.E-10	2.E-14	6.E-12
Ru106•	3.E-05	1.E+01	2.E-07	5.E-02	7.E-08	2.E-02	4.E-08	1.E-02	3.E-08	1.E-02	8.E-09	3.E-03	2.E-09	6.E-04
Sb126	5.E-08	6.E-01	6.E-07	6.E+00	4.E-07	5.E+00	1.E-07	1.E+00	1.E-07	1.E+00	1.E-07	2.E+00	2.E-15	2.E-08
Sb126m	6.E-11	6.E-01	6.E-10	6.E+00	5.E-10	5.E+00	1.E-10	1.E+00	1.E-10	1.E+00	2.E-10	2.E+00	2.E-18	2.E-08
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151•	2.E-01	7.E+02	3.E+00	1.E+04	2.E+00	7.E+03	6.E-01	2.E+03	5.E-01	2.E+03	6.E-01	2.E+03	3.E-07	1.E-03
Sn126	2.E-01	5.E-01	2.E+00	6.E+00	1.E+00	4.E+00	4.E-01	1.E+00	3.E-01	1.E+00	4.E-01	1.E+00	5.E-09	2.E-08
Sr90•	7.E+01	8.E+05	1.E-01	2.E+03	1.E+00	2.E+04	8.E+00	1.E+05	5.E+00	6.E+04	2.E+00	2.E+04	1.E+00	1.E+04
Tc99•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227•	2.E-12	1.E-05	7.E-11	5.E-04	3.E-11	2.E-04	2.E-11	1.E-04	1.E-11	8.E-05	9.E-12	7.E-05	6.E-12	5.E-05
Th229	1.E-09	5.E-08	8.E-10	4.E-08	8.E-10	4.E-08	8.E-10	4.E-08	6.E-10	3.E-08	5.E-10	3.E-08	4.E-10	2.E-08
Th230•	2.E-08	1.E-07	2.E-07	1.E-06	9.E-08	4.E-07	2.E-08	1.E-07	3.E-08	1.E-07	3.E-08	1.E-07	4.E-10	2.E-09
Th231•	2.E-09	2.E-01	2.E-08	2.E+00	6.E-09	8.E-01	9.E-11	1.E-02	2.E-09	2.E-01	3.E-10	4.E-02	1.E-10	1.E-02
Th234•	9.E-07	5.E+00	9.E-06	5.E+01	3.E-06	2.E+01	4.E-08	2.E-01	9.E-07	5.E+00	2.E-07	9.E-01	6.E-08	3.E-01
Tl207	3.E-16	1.E-05	8.E-15	3.E-04	3.E-15	1.E-04	1.E-17	4.E-07	9.E-16	3.E-05	5.E-17	2.E-06	2.E-17	8.E-07
U233•	1.E-05	3.E-05	3.E-05	6.E-05	3.E-05	6.E-05	3.E-05	7.E-05	2.E-05	4.E-05	2.E-05	4.E-05	1.E-05	3.E-05
U234•	9.E-04	1.E-03	5.E-03	7.E-03	2.E-03	3.E-03	6.E-04	8.E-04	7.E-04	1.E-03	6.E-04	9.E-04	2.E-05	2.E-05
U235•	4.E+02	2.E-01	4.E+03	2.E+00	2.E+03	8.E-01	2.E+01	1.E-02	4.E+02	2.E-01	7.E+01	4.E-02	3.E+01	1.E-02
U238•	6.E+04	5.E+00	6.E+05	5.E+01	2.E+05	2.E+01	3.E+03	2.E-01	6.E+04	5.E+00	1.E+04	9.E-01	4.E+03	3.E-01
Y90•	2.E-02	9.E+05	7.E-03	4.E+05	6.E-03	3.E+05	9.E-03	4.E+05	4.E-03	2.E+05	1.E-03	6.E+04	3.E-03	1.E+05
Zr93•	1.E+01	3.E+00	2.E+02	4.E+01	1.E+02	3.E+01	4.E+01	9.E+00	3.E+01	7.E+00	4.E+01	9.E+00	0.	0.
Ag •	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	4.E+06	0.	2.E+04	0.	2.E+06	0.	1.E+06	0.	7.E+05	0.	1.E+05	0.	1.E+06	0.
Ba •	2.E+01	0.	3.E+01	0.	2.E+01	0.	2.E+01	0.	1.E+01	0.	1.E+01	0.	9.E+00	0.
Bi	4.E-04	0.	5.E+04	0.	3.E+04	0.	1.E-06	0.	1.E+04	0.	1.E+03	0.	1.E-05	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-103 MOLES	TANK BY-103 CURIES	TANK BY-104 MOLES	TANK BY-104 CURIES	TANK BY-105 MOLES	TANK BY-105 CURIES	TANK BY-106 MOLES	TANK BY-106 CURIES	TANK BY-107 MOLES	TANK BY-107 CURIES	TANK BY-108 MOLES	TANK BY-108 CURIES	TANK BY-109 MOLES	TANK BY-109 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	5.E+04	0.	2.E+06	0.	8.E+05	0.	2.E+04	0.	2.E+05	0.	1.E+04	0.	2.E-02	0.
Ca	4.E-01	0.	7.E+04	0.	1.E+05	0.	2.E+04	0.	7.E+03	0.	1.E+04	0.	2.E-02	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	5.E-05	0.	6.E+03	0.	5.E+03	0.	1.E-07	0.	2.E+03	0.	2.E+02	0.	1.E-06	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	4.E+06	0.	0.	0.	0.	0.	4.E+03	0.	0.	0.	0.	0.	2.E+05	0.
Fe	3.E+01	0.	1.E+05	0.	8.E+04	0.	1.E-01	0.	3.E+04	0.	3.E+03	0.	2.E+00	0.
Fe(CN)6	2.E+03	0.	1.E+05	0.	7.E+04	0.	3.E+04	0.	3.E+04	0.	3.E+04	0.	2.E+01	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	8.E+07	0.	1.E-04	0.	2.E-04	0.	9.E+05	0.	4.E-06	0.	7.E+05	0.	3.E+07	0.
Na	9.E+07	0.	2.E+06	0.	1.E+06	0.	9.E+05	0.	3.E+05	0.	7.E+05	0.	3.E+07	0.
Ni	3.E+03	0.	2.E+05	0.	1.E+05	0.	6.E+04	0.	6.E+04	0.	6.E+04	0.	2.E+02	0.
OH	1.E+07	0.	5.E+05	0.	7.E+06	0.	4.E+06	0.	2.E+06	0.	4.E+05	0.	4.E+06	0.
PO4	1.E+06	0.	1.E+04	0.	6.E+04	0.	0.	0.	1.E+04	0.	2.E+04	0.	2.E+04	0.
Pb	2.E+03	0.	7.E-09	0.	2.E-03	0.	3.E-10	0.	8.E-10	0.	1.E-10	0.	9.E-01	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	7.E+04	0.	3.E+01	0.	2.E+01	0.	2.E+01	0.	1.E+01	0.	1.E+01	0.	9.E+00	0.
Sr	6.E+04	0.	0.	0.	3.E+03	0.	3.E+04	0.	2.E+04	0.	1.E+03	0.	3.E+03	0.
ZrO	3.E+01	0.	2.E+04	0.	1.E+04	0.	2.E+01	0.	4.E+03	0.	4.E+02	0.	3.E+00	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK BY-110 MOLES	TANK BY-110 CURIES	TANK BY-111 MOLES	TANK BY-111 CURIES	TANK BY-112 MOLES	TANK BY-112 CURIES	TANK C-101 MOLES	TANK C-101 CURIES	TANK C-102 MOLES	TANK C-102 CURIES	TANK C-103 MOLES	TANK C-103 CURIES	TANK C-104 MOLES	TANK C-104 CURIES
Ac225	2.E-15	3.E-08	2.E-15	3.E-08	2.E-15	3.E-08	2.E-14	2.E-07	4.E-16	6.E-09	2.E-14	2.E-07	9.E-16	1.E-08
Ac227	2.E-11	3.E-07	2.E-10	3.E-06	9.E-12	1.E-07	7.E-10	1.E-05	3.E-09	5.E-05	1.E-09	2.E-05	2.E-09	3.E-05
Am241	6.E-02	5.E+01	3.E-04	2.E-01	4.E-06	3.E-03	6.E-02	5.E+01	1.E+00	1.E+03	2.E-01	1.E+02	1.E+00	8.E+02
Am242	1.E-10	3.E-02	6.E-14	1.E-05	1.E-14	2.E-06	1.E-10	3.E-02	7.E-09	1.E+00	8.E-10	2.E-01	6.E-09	1.E+00
Am242m	1.E-05	3.E-02	5.E-09	1.E-05	1.E-09	2.E-06	1.E-05	3.E-02	6.E-04	1.E+00	6.E-05	2.E-01	5.E-04	1.E+00
Am243	5.E-04	2.E-02	1.E-06	6.E-05	2.E-08	1.E-06	2.E-04	1.E-02	1.E-02	7.E-01	1.E-03	7.E-02	1.E-02	7.E-01
Al217	8.E-23	3.E-08	9.E-23	3.E-08	8.E-23	3.E-08	6.E-22	2.E-07	2.E-23	6.E-09	6.E-22	2.E-07	3.E-23	1.E-08
Ba137m	7.E-06	5.E+05	8.E-06	6.E+05	1.E-06	1.E+05	3.E-06	2.E+05	0.	0.	0.	0.	0.	0.
Bi210	5.E-18	1.E-10	4.E-19	1.E-11	3.E-20	8.E-13	1.E-18	4.E-11	3.E-18	9.E-11	2.E-18	4.E-11	7.E-18	2.E-10
Bi211	3.E-18	3.E-07	4.E-17	3.E-06	2.E-18	1.E-07	2.E-16	2.E-05	6.E-16	5.E-05	2.E-16	2.E-05	3.E-16	3.E-05
Bi213	7.E-18	3.E-08	8.E-18	3.E-08	7.E-18	3.E-08	5.E-17	2.E-07	1.E-18	6.E-09	5.E-17	2.E-07	3.E-18	1.E-08
Bi214	6.E-20	6.E-10	6.E-21	6.E-11	5.E-22	5.E-12	2.E-20	2.E-10	7.E-20	7.E-10	3.E-20	3.E-10	1.E-19	1.E-09
C14	9.E-05	6.E-03	3.E-02	2.E+00	9.E-09	6.E-07	1.E-03	9.E-02	2.E-05	1.E-03	8.E+00	5.E+02	5.E-07	3.E-05
Cm242	3.E-08	2.E-02	1.E-11	9.E-06	2.E-12	2.E-06	3.E-08	2.E-02	1.E-06	1.E+00	2.E-07	1.E-01	1.E-06	9.E-01
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	8.E-19	3.E-08	8.E-19	3.E-08	7.E-19	3.E-08	5.E-18	2.E-07	1.E-19	6.E-09	5.E-18	2.E-07	3.E-19	1.E-08
Fr223	4.E-19	4.E-09	6.E-18	5.E-08	2.E-19	2.E-09	2.E-17	2.E-07	8.E-17	7.E-07	3.E-17	3.E-07	5.E-17	4.E-07
I129	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	3.E-04	9.E+00	2.E-06	6.E-02	4.E-13	1.E-08	2.E-04	5.E+00	1.E-03	4.E+01	2.E-04	6.E+00	4.E-04	9.E+00
Ni63	3.E-01	1.E+03	2.E-01	9.E+02	2.E-01	9.E+02	1.E-02	6.E+01	9.E-01	3.E+03	2.E+00	1.E+04	2.E-01	8.E+02
Np237	2.E-03	4.E-04	1.E-05	2.E-06	9.E-08	1.E-08	2.E-03	3.E-04	3.E-02	4.E-03	3.E-03	5.E-04	2.E-02	3.E-03
Np239	4.E-10	2.E-02	1.E-12	5.E-05	2.E-14	1.E-06	2.E-10	1.E-02	1.E-08	6.E-01	1.E-09	6.E-02	1.E-08	7.E-01
Pa231	9.E-08	1.E-06	1.E-06	2.E-05	6.E-08	7.E-07	3.E-06	4.E-05	2.E-05	2.E-04	9.E-06	1.E-04	1.E-05	1.E-04
Pa233	8.E-11	4.E-04	4.E-13	2.E-06	3.E-15	1.E-08	5.E-11	3.E-04	9.E-10	4.E-03	1.E-10	5.E-04	5.E-10	3.E-03
Pa234m	4.E-13	6.E-02	7.E-12	1.E+00	3.E-13	5.E-02	1.E-11	2.E+00	9.E-11	2.E+01	4.E-11	7.E+00	6.E-11	9.E+00
Pb209	3.E-17	3.E-08	3.E-17	3.E-08	3.E-17	3.E-08	2.E-16	2.E-07	6.E-18	6.E-09	2.E-16	2.E-07	1.E-17	1.E-08
Pb210	8.E-15	1.E-10	6.E-16	1.E-11	5.E-17	8.E-13	2.E-15	3.E-11	5.E-15	8.E-11	2.E-15	4.E-11	1.E-14	2.E-10
Pb211	5.E-17	3.E-07	7.E-16	3.E-06	3.E-17	1.E-07	2.E-15	1.E-05	1.E-14	5.E-05	4.E-15	2.E-05	5.E-15	3.E-05
Pb214	9.E-20	6.E-10	8.E-21	6.E-11	7.E-22	5.E-12	2.E-20	2.E-10	1.E-19	7.E-10	4.E-20	3.E-10	2.E-19	1.E-09
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	1.E-16	1.E-10	1.E-17	1.E-11	8.E-19	8.E-13	3.E-17	3.E-11	8.E-17	8.E-11	4.E-17	4.E-11	2.E-16	2.E-10
Po213	1.E-26	3.E-08	1.E-26	3.E-08	1.E-26	3.E-08	7.E-26	2.E-07	2.E-27	6.E-09	8.E-26	2.E-07	4.E-27	1.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-110 MOLES	TANK BY-110 CURIES	TANK BY-111 MOLES	TANK BY-111 CURIES	TANK BY-112 MOLES	TANK BY-112 CURIES	TANK C-101 MOLES	TANK C-101 CURIES	TANK C-102 MOLES	TANK C-102 CURIES	TANK C-103 MOLES	TANK C-103 CURIES	TANK C-104 MOLES	TANK C-104 CURIES
Po214	1.E-26	8.E-10	1.E-27	7.E-11	9.E-29	6.E-12	3.E-27	2.E-10	1.E-26	8.E-10	5.E-27	3.E-10	2.E-26	1.E-09
Po215	4.E-23	3.E-07	5.E-22	3.E-06	2.E-23	1.E-07	2.E-21	1.E-05	8.E-21	5.E-05	3.E-21	2.E-05	4.E-21	3.E-05
Pq218	1.E-20	6.E-10	9.E-22	6.E-11	8.E-23	5.E-12	3.E-21	2.E-10	1.E-20	7.E-10	4.E-21	3.E-10	2.E-20	1.E-09
Pu238	3.E-03	1.E+01	3.E-05	1.E-01	3.E-05	1.E-01	6.E-04	2.E+00	1.E-02	6.E+01	2.E-03	1.E+01	1.E-02	5.E+01
Pu239	3.E+00	5.E+01	2.E-02	2.E-01	1.E-05	1.E-04	8.E+00	1.E+02	1.E+02	2.E+03	2.E+01	3.E+02	5.E+01	7.E+02
Pu240	2.E-01	1.E+01	1.E-03	5.E-02	2.E-05	1.E-03	6.E-01	3.E+01	1.E+01	5.E+02	1.E+00	8.E+01	3.E+00	2.E+02
Pu241	3.E-03	9.E+01	2.E-05	4.E-01	5.E-08	1.E-03	2.E-02	4.E+02	4.E-01	1.E+04	6.E-02	1.E+03	2.E-01	5.E+03
Ra223	2.E-14	3.E-07	3.E-13	3.E-06	1.E-14	1.E-07	9.E-13	1.E-05	4.E-12	5.E-05	2.E-12	2.E-05	2.E-12	3.E-05
Ra225	3.E-15	3.E-08	4.E-15	3.E-08	3.E-15	3.E-08	2.E-14	2.E-07	7.E-16	6.E-09	2.E-14	2.E-07	1.E-15	1.E-08
Ra226	3.E-12	6.E-10	3.E-13	6.E-11	2.E-14	5.E-12	7.E-13	2.E-10	3.E-12	7.E-10	1.E-12	3.E-10	5.E-12	1.E-09
Ru106	5.E-08	2.E-02	4.E-11	2.E-05	4.E-13	2.E-07	2.E-06	9.E-01	1.E-03	5.E+02	2.E-04	5.E+01	2.E-03	8.E+02
Sb126	2.E-07	2.E+00	1.E-09	1.E-02	1.E-15	1.E-08	1.E-07	1.E+00	1.E-06	1.E+01	2.E-07	2.E+00	3.E-07	3.E+00
Sb126m	2.E-10	2.E+00	1.E-12	1.E-02	1.E-18	1.E-08	1.E-10	1.E+00	1.E-09	1.E+01	2.E-10	2.E+00	3.E-10	3.E+00
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	8.E-01	3.E+03	4.E-03	2.E+01	3.E-07	1.E-03	5.E-01	2.E+03	3.E+00	1.E+04	5.E-01	2.E+03	1.E+00	4.E+03
Sn126	6.E-01	2.E+00	4.E-03	1.E-02	3.E-09	1.E-08	3.E-01	1.E+00	3.E+00	1.E+01	5.E-01	2.E+00	9.E-01	3.E+00
Sr90	8.E+00	1.E+05	5.E+00	6.E+04	2.E+00	3.E+04	7.E+00	8.E+04	1.E+02	1.E+06	4.E+01	5.E+05	4.E+01	4.E+05
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	2.E-11	1.E-04	2.E-11	1.E-04	4.E-12	3.E-05	3.E-12	2.E-05	7.E-12	5.E-05	3.E-12	2.E-05	4.E-12	3.E-05
Th229	6.E-10	3.E-08	7.E-10	3.E-08	6.E-10	3.E-08	4.E-09	2.E-07	1.E-10	6.E-09	4.E-09	2.E-07	2.E-10	1.E-08
Th230	3.E-08	1.E-07	3.E-09	1.E-08	3.E-10	2.E-09	8.E-09	4.E-08	6.E-08	3.E-07	2.E-08	1.E-07	1.E-07	4.E-07
Th231	2.E-11	3.E-03	4.E-10	5.E-02	2.E-11	2.E-03	7.E-10	8.E-02	5.E-09	6.E-01	3.E-09	3.E-01	3.E-09	4.E-01
Th234	1.E-08	6.E-02	2.E-07	1.E+00	1.E-08	5.E-02	4.E-07	2.E+00	3.E-06	2.E+01	1.E-06	7.E+00	2.E-06	9.E+00
Tl207	6.E-18	3.E-07	9.E-17	3.E-06	4.E-18	1.E-07	3.E-16	1.E-05	1.E-15	5.E-05	5.E-16	2.E-05	7.E-16	3.E-05
U233	3.E-05	6.E-05	3.E-05	6.E-05	2.E-05	4.E-05	7.E-05	2.E-04	1.E-06	3.E-06	7.E-05	2.E-04	4.E-06	1.E-05
U234	7.E-04	1.E-03	7.E-05	1.E-04	1.E-05	2.E-05	2.E-04	3.E-04	3.E-03	4.E-03	8.E-04	1.E-03	3.E-03	5.E-03
U235	5.E+00	3.E-03	9.E+01	5.E-02	4.E+00	2.E-03	2.E+02	8.E-02	1.E+03	6.E-01	7.E+02	3.E-01	8.E+02	4.E-01
U238	8.E+02	6.E-02	1.E+04	1.E+00	7.E+02	5.E-02	2.E+04	2.E+00	2.E+05	2.E+01	9.E+04	7.E+00	1.E+05	9.E+00
Y90	8.E-03	4.E+05	8.E-03	4.E+05	2.E-03	9.E+04	2.E-03	9.E+04	3.E-02	1.E+06	1.E-02	5.E+05	1.E-02	5.E+05
Zr93	5.E+01	1.E+01	3.E-01	8.E-02	6.E-08	1.E-08	3.E+01	7.E+00	3.E+02	7.E+01	4.E+01	1.E+01	8.E+01	2.E+01
Ag	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	4.E+04	0.	6.E+05	0.	3.E+06	0.	1.E+06	0.	7.E+06	0.	5.E+06	0.	6.E+06	0.
Ba	2.E+01	0.	2.E+01	0.	1.E+01	0.	1.E+02	0.	3.E+00	0.	1.E+02	0.	8.E+00	0.
Bi	1.E+04	0.	3.E-12	0.	9.E-05	0.	3.E-12	0.	2.E-13	0.	3.E-12	0.	8.E-13	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK BY-110 MOLES	TANK BY-110 CURIES	TANK BY-111 MOLES	TANK BY-111 CURIES	TANK BY-112 MOLES	TANK BY-112 CURIES	TANK C-101 MOLES	TANK C-101 CURIES	TANK C-102 MOLES	TANK C-102 CURIES	TANK C-103 MOLES	TANK C-103 CURIES	TANK C-104 MOLES	TANK C-104 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	1.E+04	0.	4.E+04	0.	7.E-03	0.	2.E+04	0.	4.E+03	0.	1.E+06	0.	1.E-01	0.
Ca	1.E+04	0.	5.E-04	0.	7.E-03	0.	0.	0.	0.	0.	5.E-02	0.	1.E-01	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	2.E+03	0.	5.E-13	0.	1.E-05	0.	0.	0.	0.	0.	8.E-13	0.	2.E+01	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	1.E+04	0.	0.	0.	3.E+06	0.	1.E+07	0.	0.	0.
Fe	3.E+04	0.	0.	0.	0.	0.	8.E-02	0.	5.E-02	0.	1.E+02	0.	2.E+01	0.
Fe(CN)6	5.E+04	0.	1.E+03	0.	2.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	2.E+04	0.	3.E+03	0.	8.E+04	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	3.E-07	0.	5.E-05	0.	1.E+07	0.	4.E+06	0.	6.E-08	0.	6.E+07	0.	5.E+06	0.
Na	0.	0.	5.E+04	0.	1.E+07	0.	4.E+06	0.	3.E+06	0.	8.E+07	0.	5.E+06	0.
Ni	9.E+04	0.	3.E+03	0.	4.E+03	0.	5.E-02	0.	4.E-04	0.	2.E+04	0.	3.E+00	0.
OH	3.E+05	0.	2.E+06	0.	8.E+06	0.	3.E+06	0.	3.E+07	0.	2.E+07	0.	2.E+07	0.
PO4	1.E+04	0.	3.E-12	0.	4.E+04	0.	2.E-13	0.	0.	0.	9.E+04	0.	9.E-15	0.
Pb	3.E-10	0.	3.E-10	0.	2.E-10	0.	2.E-10	0.	6.E-10	0.	2.E+04	0.	5.E-06	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	2.E+01	0.	2.E+01	0.	1.E+01	0.	1.E+02	0.	3.E+00	0.	1.E+06	0.	8.E+00	0.
Sr	3.E+04	0.	2.E+03	0.	6.E+03	0.	0.	0.	0.	0.	0.	0.	6.E-08	0.
ZrO	4.E+03	0.	1.E+01	0.	4.E+00	0.	9.E+00	0.	3.E+06	0.	3.E+05	0.	5.E+01	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK C-105 MOLES	TANK C-105 CURIES	TANK C-106 MOLES	TANK C-106 CURIES	TANK C-107 MOLES	TANK C-107 CURIES	TANK C-108 MOLES	TANK C-108 CURIES	TANK C-109 MOLES	TANK C-109 CURIES	TANK C-110 MOLES	TANK C-110 CURIES	TANK C-111 MOLES	TANK C-111 CURIES
Ac225	2.E-14	2.E-07	2.E-14	2.E-07	4.E-16	6.E-09	3.E-16	4.E-09	7.E-16	9.E-09	3.E-17	4.E-10	5.E-16	7.E-09
Ac227 •	4.E-09	6.E-05	9.E-10	2.E-05	1.E-09	2.E-05	5.E-10	8.E-06	1.E-10	2.E-06	8.E-11	1.E-06	5.E-10	7.E-06
Am241 •	8.E-01	7.E+02	5.E-01	4.E+02	1.E-01	1.E+02	4.E-02	3.E+01	2.E-04	1.E-01	2.E-02	2.E+01	2.E-02	2.E+01
Am242 •	3.E-09	7.E-01	2.E-09	4.E-01	3.E-10	6.E-02	1.E-10	3.E-02	1.E-14	3.E-06	2.E-12	4.E-04	5.E-11	9.E-03
Am242m.	3.E-04	7.E-01	2.E-04	4.E-01	2.E-05	6.E-02	1.E-05	3.E-02	1.E-09	3.E-06	2.E-07	4.E-04	4.E-06	9.E-03
Am243 •	5.E-03	2.E-01	2.E-03	1.E-01	4.E-04	2.E-02	2.E-04	8.E-03	1.E-07	6.E-06	4.E-06	2.E-04	8.E-05	4.E-03
At217	6.E-22	2.E-07	6.E-22	2.E-07	2.E-23	6.E-09	1.E-23	4.E-09	3.E-23	9.E-09	1.E-24	4.E-10	2.E-23	7.E-09
Ba137m	0.	0.	0.	0.	9.E-08	7.E+03	0.	0.	8.E-08	6.E+03	0.	0.	6.E-08	5.E+03
Bi210 •	1.E-17	3.E-10	3.E-18	8.E-11	1.E-18	3.E-11	1.E-18	3.E-11	2.E-19	6.E-12	2.E-18	5.E-11	1.E-18	4.E-11
Bi211	7.E-16	6.E-05	2.E-16	2.E-05	2.E-16	2.E-05	1.E-16	9.E-06	2.E-17	2.E-06	1.E-17	1.E-06	9.E-17	8.E-06
Bi213	5.E-17	2.E-07	5.E-17	2.E-07	2.E-18	6.E-09	1.E-18	4.E-09	2.E-18	1.E-08	1.E-19	4.E-10	2.E-18	7.E-09
Bi214	2.E-19	1.E-09	4.E-20	4.E-10	2.E-20	2.E-10	1.E-20	1.E-10	3.E-21	3.E-11	3.E-20	3.E-10	2.E-20	2.E-10
C14 •	3.E-02	2.E+00	1.E-02	8.E-01	2.E-04	1.E-02	4.E-03	3.E-01	1.E-02	9.E-01	0.	0.	8.E-04	5.E-02
Cm242 •	7.E-07	6.E-01	4.E-07	3.E-01	6.E-08	5.E-02	3.E-08	2.E-02	3.E-12	2.E-06	4.E-10	3.E-04	9.E-09	8.E-03
Cm244 •	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245 •	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135 •	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137 •	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	6.E-18	2.E-07	5.E-18	2.E-07	1.E-19	6.E-09	1.E-19	4.E-09	2.E-19	9.E-09	1.E-20	4.E-10	2.E-19	7.E-09
Fr223	1.E-16	9.E-07	3.E-17	2.E-07	3.E-17	2.E-07	1.E-17	1.E-07	3.E-18	2.E-08	2.E-18	2.E-08	1.E-17	1.E-07
I129 •	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m •	4.E-03	1.E+02	9.E-04	2.E+01	3.E-04	7.E+00	1.E-04	4.E+00	7.E-06	2.E-01	2.E-05	7.E-01	1.E-04	3.E+00
Ni63 •	7.E+00	3.E+04	2.E-01	8.E+02	0.	0.	1.E-01	5.E+02	2.E-01	7.E+02	0.	0.	1.E-01	5.E+02
Np237 •	2.E-02	3.E-03	6.E-03	1.E-03	3.E-03	5.E-04	1.E-03	2.E-04	6.E-06	1.E-06	5.E-04	8.E-05	7.E-04	1.E-04
Np239 •	4.E-09	2.E-01	2.E-09	1.E-01	4.E-10	2.E-02	1.E-10	7.E-03	1.E-13	6.E-06	3.E-12	2.E-04	7.E-11	4.E-03
Pa231 •	2.E-05	2.E-04	5.E-06	5.E-05	6.E-06	6.E-05	3.E-06	3.E-05	5.E-07	5.E-06	3.E-07	4.E-06	2.E-06	2.E-05
Pa233 •	6.E-10	3.E-03	2.E-10	1.E-03	1.E-10	5.E-04	4.E-11	2.E-04	2.E-13	1.E-06	2.E-11	8.E-05	3.E-11	1.E-04
Pa234m	8.E-11	1.E+01	2.E-11	3.E+00	2.E-11	4.E+00	9.E-12	1.E+00	1.E-12	2.E-01	8.E-13	1.E-01	6.E-12	1.E+00
Pb209	2.E-16	2.E-07	2.E-16	2.E-07	6.E-18	6.E-09	4.E-18	4.E-09	1.E-17	9.E-09	5.E-19	4.E-10	7.E-18	7.E-09
Pb210 •	1.E-14	2.E-10	5.E-15	8.E-11	1.E-15	2.E-11	2.E-15	3.E-11	3.E-16	5.E-12	3.E-15	4.E-11	2.E-15	4.E-11
Pb211	1.E-14	6.E-05	3.E-15	2.E-05	3.E-15	2.E-05	2.E-15	8.E-06	3.E-16	2.E-06	3.E-16	1.E-06	1.E-15	7.E-06
Pb214	2.E-19	1.E-09	5.E-20	4.E-10	2.E-20	2.E-10	2.E-20	1.E-10	4.E-21	3.E-11	4.E-20	3.E-10	3.E-20	2.E-10
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210 •	2.E-16	2.E-10	8.E-17	7.E-11	2.E-17	2.E-11	3.E-17	3.E-11	6.E-18	5.E-12	4.E-17	4.E-11	4.E-17	4.E-11
Po213	8.E-26	2.E-07	7.E-26	2.E-07	2.E-27	5.E-09	2.E-27	4.E-09	3.E-27	9.E-09	2.E-28	4.E-10	3.E-27	7.E-09

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ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-105 MOLES	TANK C-105 CURIES	TANK C-106 MOLES	TANK C-106 CURIES	TANK C-107 MOLES	TANK C-107 CURIES	TANK C-108 MOLES	TANK C-108 CURIES	TANK C-109 MOLES	TANK C-109 CURIES	TANK C-110 MOLES	TANK C-110 CURIES	TANK C-111 MOLES	TANK C-111 CURIES
Po214	3.E-26	2.E-09	7.E-27	5.E-10	3.E-27	2.E-10	2.E-27	2.E-10	5.E-28	3.E-11	5.E-27	3.E-10	3.E-27	2.E-10
Po215	1.E-20	6.E-05	2.E-21	2.E-05	3.E-21	2.E-05	1.E-21	9.E-06	3.E-22	2.E-06	2.E-22	1.E-06	1.E-21	8.E-06
Po218	2.E-20	1.E-09	6.E-21	4.E-10	3.E-21	2.E-10	2.E-21	1.E-10	4.E-22	3.E-11	4.E-21	3.E-10	3.E-21	2.E-10
Pu238	1.E-02	5.E+01	2.E-03	8.E+00	1.E-03	5.E+00	5.E-04	2.E+00	4.E-05	2.E-01	3.E-03	1.E+01	8.E-04	3.E+00
Pu239	1.E+02	1.E+03	2.E+01	3.E+02	2.E+01	3.E+02	6.E+00	9.E+01	7.E-02	1.E+00	8.E+00	1.E+02	4.E+00	7.E+01
Pu240	6.E+00	3.E+02	1.E+00	7.E+01	1.E+00	6.E+01	4.E-01	2.E+01	1.E-03	8.E-02	5.E-01	3.E+01	3.E-01	1.E+01
Pu241	2.E-01	4.E+03	4.E-02	1.E+03	4.E-02	9.E+02	1.E-02	3.E+02	7.E-06	2.E-01	1.E-02	3.E+02	7.E-03	2.E+02
Ra223	5.E-12	6.E-05	1.E-12	2.E-05	1.E-12	2.E-05	7.E-13	8.E-06	1.E-13	2.E-06	1.E-13	1.E-06	7.E-13	7.E-06
Ra225	2.E-14	2.E-07	2.E-14	2.E-07	6.E-16	6.E-09	5.E-16	4.E-09	1.E-15	9.E-09	5.E-17	4.E-10	8.E-16	7.E-09
Ra226	6.E-12	1.E-09	2.E-12	4.E-10	7.E-13	2.E-10	6.E-13	1.E-10	1.E-13	3.E-11	1.E-12	3.E-10	8.E-13	2.E-10
Ru106	3.E-03	1.E+03	5.E-05	2.E+01	6.E-06	2.E+00	1.E-06	5.E-01	3.E-13	1.E-07	6.E-12	2.E-06	4.E-08	2.E-02
Sb126	5.E-06	5.E+01	1.E-06	1.E+01	2.E-07	2.E+00	9.E-08	9.E-01	3.E-09	4.E-02	1.E-08	1.E-01	6.E-08	6.E-01
Sb126m	5.E-09	5.E+01	1.E-09	1.E+01	2.E-10	2.E+00	9.E-11	9.E-01	4.E-12	4.E-02	1.E-11	1.E-01	6.E-11	6.E-01
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	2.E+01	6.E+04	3.E+00	1.E+04	6.E-01	2.E+03	4.E-01	2.E+03	3.E-02	1.E+02	9.E-02	3.E+02	3.E-01	1.E+03
Sn126	1.E+01	5.E+01	3.E+00	1.E+01	5.E-01	2.E+00	3.E-01	9.E-01	1.E-02	4.E-02	3.E-02	1.E-01	2.E-01	6.E-01
Sr90	1.E+02	1.E+06	5.E+01	7.E+05	8.E+00	1.E+05	2.E+00	3.E+04	0.	0.	1.E+00	1.E+04	9.E+00	1.E+05
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	8.E-12	6.E-05	2.E-12	1.E-05	2.E-12	2.E-05	1.E-12	8.E-06	4.E-13	3.E-06	2.E-13	1.E-06	1.E-12	8.E-06
Th229	4.E-09	2.E-07	4.E-09	2.E-07	1.E-10	6.E-09	9.E-11	4.E-09	2.E-10	9.E-09	9.E-12	4.E-10	1.E-10	7.E-09
Th230	1.E-07	5.E-07	2.E-08	8.E-08	1.E-08	5.E-08	6.E-09	3.E-08	1.E-09	6.E-09	2.E-08	7.E-08	9.E-09	4.E-08
Th231	4.E-09	5.E-01	9.E-10	1.E-01	1.E-09	1.E-01	5.E-10	6.E-02	8.E-11	1.E-02	5.E-11	6.E-03	4.E-10	4.E-02
Th234	2.E-06	1.E+01	5.E-07	3.E+00	7.E-07	4.E+00	3.E-07	1.E+00	4.E-08	2.E-01	2.E-08	1.E-01	2.E-07	1.E+00
Tl207	2.E-15	6.E-05	4.E-16	2.E-05	4.E-16	2.E-05	2.E-16	8.E-06	4.E-17	2.E-06	3.E-17	1.E-06	2.E-16	8.E-06
U233	6.E-05	1.E-04	5.E-05	1.E-04	2.E-06	4.E-06	9.E-07	2.E-06	2.E-06	5.E-06	8.E-09	2.E-08	2.E-06	4.E-06
U234	3.E-03	4.E-03	4.E-04	5.E-04	3.E-04	5.E-04	2.E-04	2.E-04	2.E-05	4.E-05	4.E-04	5.E-04	2.E-04	3.E-04
U235	1.E+03	5.E-01	2.E+02	1.E-01	3.E+02	1.E-01	1.E+02	6.E-02	2.E+01	1.E-02	1.E+01	6.E-03	9.E+01	4.E-02
U238	2.E+05	1.E+01	3.E+04	3.E+00	4.E+04	4.E+00	2.E+04	1.E+00	3.E+03	2.E-01	2.E+03	1.E-01	1.E+04	1.E+00
Y90	3.E-02	1.E+06	1.E-02	7.E+05	2.E-03	1.E+05	6.E-04	3.E+04	0.	0.	3.E-04	2.E+04	2.E-03	1.E+05
Zr93	1.E+03	3.E+02	3.E+02	6.E+01	4.E+01	1.E+01	2.E+01	6.E+00	1.E+00	3.E-01	3.E+00	8.E-01	2.E+01	4.E+00
Ag	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	1.E+07	0.	7.E+05	0.	2.E+06	0.	5.E+05	0.	5.E+02	0.	8.E+02	0.	4.E+05	0.
Ba	1.E+02	0.	1.E+02	0.	2.E+00	0.	3.E+00	0.	4.E+00	0.	6.E-01	0.	4.E+00	0.
Bi	5.E-12	0.	3.E-12	0.	7.E+04	0.	1.E+04	0.	1.E+03	0.	7.E+04	0.	7.E+03	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-105 MOLES	TANK C-105 CURIES	TANK C-106 MOLES	TANK C-106 CURIES	TANK C-107 MOLES	TANK C-107 CURIES	TANK C-108 MOLES	TANK C-108 CURIES	TANK C-109 MOLES	TANK C-109 CURIES	TANK C-110 MOLES	TANK C-110 CURIES	TANK C-111 MOLES	TANK C-111 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	5.E+04	0.	4.E+04	0.	2.E+04	0.	4.E+04	0.	1.E+05	0.	0.	0.	4.E+04	0.
Ca	5.E+02	0.	0.	0.	0.	0.	3.E+04	0.	1.E+05	0.	0.	0.	3.E+04	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl -	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr +	5.E+03	0.	0.	0.	9.E+03	0.	1.E+03	0.	2.E+02	0.	1.E+04	0.	1.E+03	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F -	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe +	6.E+05	0.	1.E+05	0.	1.E+05	0.	2.E+04	0.	3.E+03	0.	2.E+05	0.	2.E+04	0.
Fe(CN)6 -	7.E+01	0.	0.	0.	0.	0.	9.E+03	0.	3.E+04	0.	0.	0.	1.E+04	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K +	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn +	1.E+03	0.	9.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2 -	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3 -	1.E+07	0.	3.E+06	0.	7.E-07	0.	4.E+06	0.	4.E-05	0.	0.	0.	2.E-06	0.
Na +	1.E+07	0.	3.E+06	0.	3.E+04	0.	4.E+06	0.	9.E+03	0.	0.	0.	7.E+03	0.
Ni +	2.E+04	0.	1.E-20	0.	0.	0.	2.E+04	0.	6.E+04	0.	0.	0.	3.E+04	0.
OH -	3.E+07	0.	3.E+06	0.	8.E+06	0.	2.E+06	0.	1.E+04	0.	6.E+05	0.	1.E+06	0.
PO4 -	6.E-13	0.	0.	0.	6.E+04	0.	1.E+04	0.	8.E+02	0.	7.E+04	0.	7.E+03	0.
Pb +	4.E+00	0.	3.E-10	0.	2.E-10	0.	2.E-10	0.	4.E-11	0.	3.E-11	0.	1.E-10	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4 -	1.E+02	0.	1.E+02	0.	2.E+00	0.	3.E+00	0.	4.E+00	0.	6.E-01	0.	4.E+00	0.
Sr	0.	0.	7.E-09	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	3.E+02	0.	7.E+01	0.	2.E+04	0.	3.E+03	0.	4.E+02	0.	2.E+04	0.	2.E+03	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK C-112		TANK C-201		TANK C-202		TANK C-203		TANK C-204		TANK S-101		TANK S-102	
	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES	MOLES	CURIES
Ac225	5.E-16	6.E-09	1.E-18	1.E-11	2.E-17	2.E-10	2.E-17	2.E-10	3.E-21	3.E-14	4.E-15	5.E-08	3.E-15	4.E-08
Ac227	4.E-10	7.E-06	9.E-14	1.E-09	2.E-10	3.E-06	2.E-11	3.E-07	9.E-15	1.E-10	1.E-09	2.E-05	1.E-10	2.E-06
Am241	3.E-02	2.E+01	1.E-05	1.E-02	4.E-05	3.E-02	4.E-06	3.E-03	1.E-10	9.E-08	1.E-01	1.E+02	1.E-02	1.E+01
Am242	1.E-10	2.E-02	9.E-16	2.E-07	2.E-15	5.E-07	2.E-16	5.E-08	0.	0.	5.E-10	9.E-02	5.E-11	9.E-03
Am242m	9.E-06	2.E-02	7.E-11	2.E-07	2.E-10	5.E-07	2.E-11	5.E-08	0.	0.	4.E-05	9.E-02	4.E-06	9.E-03
Am243	9.E-05	4.E-03	8.E-09	4.E-07	2.E-08	1.E-06	2.E-09	1.E-07	0.	0.	5.E-04	2.E-02	5.E-05	2.E-03
At217	2.E-23	6.E-09	4.E-26	1.E-11	6.E-25	2.E-10	7.E-25	2.E-10	1.E-28	3.E-14	1.E-22	5.E-08	1.E-22	4.E-08
Ba137m	5.E-08	4.E+03	0.	0.	0.	0.	0.	0.	0.	0.	1.E-06	1.E+05	0.	0.
Bi210	2.E-18	4.E-11	1.E-20	4.E-13	1.E-19	3.E-12	1.E-20	3.E-13	2.E-23	5.E-16	5.E-18	1.E-10	6.E-19	1.E-11
Bi211	8.E-17	7.E-06	2.E-20	1.E-09	3.E-17	3.E-06	3.E-18	3.E-07	2.E-21	1.E-10	2.E-16	2.E-05	2.E-17	2.E-06
Bi213	2.E-18	6.E-09	3.E-21	1.E-11	5.E-20	2.E-10	6.E-20	2.E-10	9.E-24	4.E-14	1.E-17	5.E-08	1.E-17	5.E-08
Bi214	2.E-20	2.E-10	3.E-22	2.E-12	2.E-21	1.E-11	2.E-22	1.E-12	4.E-25	4.E-15	7.E-20	7.E-10	8.E-21	7.E-11
C14	3.E-02	2.E+00	0.	0.	4.E-05	3.E-03	4.E-06	3.E-04	0.	0.	0.	0.	0.	0.
Cm242	2.E-08	2.E-02	2.E-13	1.E-07	5.E-13	4.E-07	5.E-14	4.E-08	0.	0.	1.E-07	8.E-02	1.E-08	8.E-03
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	2.E-19	6.E-09	3.E-22	1.E-11	5.E-21	2.E-10	6.E-21	2.E-10	9.E-25	3.E-14	1.E-18	5.E-08	1.E-18	4.E-08
Fr223	1.E-17	9.E-08	2.E-21	2.E-11	5.E-18	4.E-08	5.E-19	4.E-09	2.E-22	2.E-12	3.E-17	3.E-07	3.E-18	3.E-08
I129	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	8.E-05	2.E+00	3.E-07	8.E-03	2.E-06	5.E-02	2.E-07	5.E-03	3.E-10	9.E-06	8.E-04	2.E+01	8.E-05	2.E+00
Ni63	5.E-01	2.E+03	0.	0.	0.	0.	0.	0.	0.	0.	5.E-02	2.E+02	7.E-01	3.E+03
Np237	5.E-04	8.E-05	2.E-07	4.E-08	2.E-06	3.E-07	2.E-07	3.E-08	1.E-12	2.E-13	5.E-03	9.E-04	5.E-04	9.E-05
Np239	8.E-11	4.E-03	7.E-15	4.E-07	2.E-14	1.E-06	2.E-15	1.E-07	0.	0.	4.E-10	2.E-02	4.E-11	2.E-03
Pa231	2.E-06	2.E-05	8.E-10	9.E-09	7.E-07	7.E-06	7.E-08	7.E-07	8.E-11	9.E-10	5.E-06	5.E-05	6.E-07	6.E-06
Pa233	2.E-11	8.E-05	8.E-15	4.E-08	7.E-14	3.E-07	7.E-15	3.E-08	4.E-20	2.E-13	2.E-10	9.E-04	2.E-11	9.E-05
Pa234m	9.E-12	1.E+00	5.E-15	8.E-04	1.E-12	2.E-01	1.E-13	2.E-02	5.E-16	9.E-05	1.E-11	2.E+00	2.E-12	3.E-01
Pb209	6.E-18	6.E-09	1.E-20	1.E-11	2.E-19	2.E-10	3.E-19	2.E-10	4.E-23	3.E-14	5.E-17	5.E-08	5.E-17	4.E-08
Pb210	3.E-15	4.E-11	2.E-17	3.E-13	2.E-16	3.E-12	2.E-17	3.E-13	3.E-20	5.E-16	7.E-15	1.E-10	9.E-16	1.E-11
Pb211	1.E-15	7.E-06	3.E-19	1.E-09	5.E-16	3.E-06	5.E-17	3.E-07	3.E-20	1.E-10	3.E-15	2.E-05	4.E-16	2.E-06
Pb214	3.E-20	2.E-10	3.E-22	2.E-12	2.E-21	1.E-11	2.E-22	1.E-12	6.E-25	4.E-15	9.E-20	7.E-10	1.E-20	7.E-11
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	4.E-17	4.E-11	3.E-19	3.E-13	3.E-18	3.E-12	3.E-19	3.E-13	5.E-22	5.E-16	1.E-16	1.E-10	1.E-17	1.E-11
Po213	2.E-27	6.E-09	5.E-30	1.E-11	8.E-29	2.E-10	9.E-29	2.E-10	1.E-32	3.E-14	2.E-26	5.E-08	2.E-26	4.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-112 MOLES	TANK C-112 CURIES	TANK C-201 MOLES	TANK C-201 CURIES	TANK C-202 MOLES	TANK C-202 CURIES	TANK C-203 MOLES	TANK C-203 CURIES	TANK C-204 MOLES	TANK C-204 CURIES	TANK S-101 MOLES	TANK S-101 CURIES	TANK S-102 MOLES	TANK S-102 CURIES
Po214	4.E-27	2.E-10	4.E-29	3.E-12	3.E-28	2.E-11	3.E-29	2.E-12	7.E-32	5.E-15	1.E-26	8.E-10	1.E-27	9.E-11
Po215	1.E-21	7.E-06	2.E-25	1.E-09	4.E-22	3.E-06	4.E-23	3.E-07	2.E-26	1.E-10	3.E-21	2.E-05	3.E-22	2.E-06
Po218	3.E-21	2.E-10	4.E-23	2.E-12	2.E-22	1.E-11	2.E-23	1.E-12	6.E-26	4.E-15	1.E-20	7.E-10	1.E-21	7.E-11
Pu238	3.E-04	1.E+00	9.E-09	4.E-05	3.E-08	1.E-04	4.E-09	2.E-05	9.E-12	4.E-08	4.E-03	2.E+01	4.E-04	2.E+00
Pu239	4.E+00	6.E+01	1.E-03	2.E-02	4.E-03	6.E-02	4.E-04	6.E-03	1.E-06	2.E-05	1.E+01	2.E+02	1.E+00	2.E+01
Pu240	3.E-01	1.E+01	3.E-05	2.E-03	8.E-05	5.E-03	8.E-06	5.E-04	3.E-08	2.E-06	7.E-01	4.E+01	7.E-02	4.E+00
Pu241	8.E-03	2.E+02	2.E-07	4.E-03	4.E-07	1.E-02	4.E-08	1.E-03	2.E-10	4.E-06	2.E-02	4.E+02	2.E-03	4.E+01
Ra223	6.E-13	7.E-06	1.E-16	1.E-09	2.E-13	3.E-06	2.E-14	3.E-07	1.E-17	1.E-10	2.E-12	2.E-05	2.E-13	2.E-06
Ra225	7.E-16	6.E-09	1.E-18	1.E-11	2.E-17	2.E-10	3.E-17	2.E-10	4.E-21	3.E-14	5.E-15	5.E-08	5.E-15	4.E-08
Ra226	9.E-13	2.E-10	1.E-14	2.E-12	7.E-14	1.E-11	7.E-15	1.E-12	2.E-17	4.E-15	3.E-12	7.E-10	3.E-13	7.E-11
Ru106	7.E-07	2.E-01	0.	0.	1.E-12	4.E-07	1.E-13	4.E-08	0.	0.	6.E-08	2.E-02	7.E-07	2.E-01
Sb126	6.E-08	6.E-01	3.E-10	3.E-03	8.E-10	8.E-03	8.E-11	8.E-04	3.E-13	3.E-06	5.E-07	5.E+00	4.E-08	5.E-01
Sb126m	7.E-11	6.E-01	3.E-13	3.E-03	8.E-13	8.E-03	8.E-14	8.E-04	3.E-16	3.E-06	5.E-10	5.E+00	5.E-11	5.E-01
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	2.E-01	1.E+03	2.E-03	9.E+00	6.E-03	2.E+01	6.E-04	2.E+00	2.E-06	9.E-03	1.E+00	6.E+03	1.E-01	6.E+02
Sn126	2.E-01	6.E-01	8.E-04	3.E-03	2.E-03	8.E-03	2.E-04	8.E-04	8.E-07	3.E-06	1.E+00	5.E+00	1.E-01	5.E-01
Sr90	4.E+00	5.E+04	0.	0.	0.	0.	6.E-02	8.E+02	0.	0.	5.E+01	6.E+05	5.E+00	6.E+04
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	1.E-12	7.E-06	3.E-15	2.E-08	4.E-13	3.E-06	4.E-14	3.E-07	1.E-16	8.E-10	2.E-12	2.E-05	3.E-13	2.E-06
Th229	1.E-10	6.E-09	3.E-13	1.E-11	4.E-12	2.E-10	5.E-12	2.E-10	8.E-16	4.E-14	1.E-09	5.E-08	9.E-10	4.E-08
Th230	9.E-09	4.E-08	1.E-10	5.E-10	7.E-10	3.E-09	7.E-11	3.E-10	3.E-13	1.E-12	4.E-08	2.E-07	5.E-09	2.E-08
Th231	5.E-10	6.E-02	8.E-13	1.E-04	8.E-11	1.E-02	8.E-12	1.E-03	3.E-14	4.E-06	8.E-10	1.E-01	1.E-10	1.E-02
Th234	3.E-07	2.E+00	4.E-10	2.E-03	4.E-08	2.E-01	4.E-09	2.E-02	2.E-11	9.E-05	4.E-07	2.E+00	6.E-08	3.E-01
Tl207	2.E-16	7.E-06	4.E-20	1.E-09	7.E-17	3.E-06	7.E-18	3.E-07	4.E-21	1.E-10	5.E-16	2.E-05	5.E-17	2.E-06
U233	2.E-06	3.E-06	6.E-11	1.E-10	3.E-08	7.E-08	4.E-08	9.E-08	9.E-12	2.E-11	1.E-05	3.E-05	2.E-05	3.E-05
U234	1.E-04	2.E-04	7.E-08	1.E-07	1.E-05	2.E-05	1.E-06	2.E-06	6.E-09	8.E-09	1.E-03	1.E-03	1.E-04	2.E-04
U235	1.E+02	6.E-02	8.E-02	4.E-05	2.E+01	1.E-02	2.E+00	1.E-03	7.E-03	4.E-06	2.E+02	1.E-01	3.E+01	1.E-02
U238	2.E+04	1.E+00	1.E+01	9.E-04	3.E+03	2.E-01	3.E+02	2.E-02	1.E+00	9.E-05	3.E+04	2.E+00	4.E+03	3.E-01
Y90	1.E-03	5.E+04	0.	0.	0.	0.	2.E-05	8.E+02	0.	0.	1.E-02	7.E+05	1.E-03	7.E+04
Zr93	2.E+01	4.E+00	8.E-02	2.E-02	2.E-01	5.E-02	2.E-02	5.E-03	9.E-05	2.E-05	1.E+02	3.E+01	1.E+01	3.E+00
Ag	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	4.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E+06	0.	2.E+06	0.
Ba	2.E+00	0.	6.E-03	0.	8.E-02	0.	8.E-02	0.	0.	0.	2.E+01	0.	2.E+01	0.
Bi	8.E+02	0.	3.E-16	0.	6.E-15	0.	7.E-15	0.	6.E-19	0.	7.E-13	0.	9.E-13	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK C-112 MOLES	TANK C-112 CURIES	TANK C-201 MOLES	TANK C-201 CURIES	TANK C-202 MOLES	TANK C-202 CURIES	TANK C-203 MOLES	TANK C-203 CURIES	TANK C-204 MOLES	TANK C-204 CURIES	TANK S-101 MOLES	TANK S-101 CURIES	TANK S-102 MOLES	TANK S-102 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	1.E+05	0.	0.	0.	8.E+03	0.	8.E+02	0.	0.	0.	0.	0.	0.	0.
Ca	1.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	1.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.E+05	0.	8.E+04	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe	2.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.E+04	0.	1.E+04	0.
Fe(CN)6	5.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.E+00	0.	2.E+01	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	8.E-05	0.	0.	0.	2.E-07	0.	2.E-08	0.	0.	0.	1.E+07	0.	1.E+07	0.
Na	3.E+04	0.	0.	0.	1.E+04	0.	1.E+03	0.	0.	0.	1.E+07	0.	1.E+07	0.
Ni	1.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.E+02	0.	3.E+03	0.
OH	1.E+06	0.	2.E+01	0.	9.E+01	0.	5.E+01	0.	2.E+00	0.	1.E+07	0.	5.E+06	0.
PO4	6.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E-13	0.	7.E+03	0.
Pb	1.E-10	0.	8.E-14	0.	6.E-11	0.	8.E-12	0.	1.E-15	0.	2.E+00	0.	3.E+03	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	2.E+00	0.	6.E-03	0.	8.E-02	0.	8.E-02	0.	0.	0.	2.E+01	0.	2.E+03	0.
Sr	1.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	3.E+02	0.	3.E-02	0.	1.E-02	0.	8.E-02	0.	4.E-05	0.	5.E+01	0.	9.E+00	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK S-103 MOLES	TANK S-103 CURIES	TANK S-104 MOLES	TANK S-104 CURIES	TANK S-105 MOLES	TANK S-105 CURIES	TANK S-106 MOLES	TANK S-106 CURIES	TANK S-107 MOLES	TANK S-107 CURIES	TANK S-108 MOLES	TANK S-108 CURIES	TANK S-109 MOLES	TANK S-109 CURIES
Ac225	3.E-15	5.E-08	3.E-15	4.E-08	2.E-15	3.E-08	2.E-15	3.E-08	1.E-15	1.E-08	2.E-15	3.E-08	0.	0.
Ac227*	1.E-12	2.E-08	7.E-10	1.E-05	7.E-11	1.E-06	7.E-12	1.E-07	4.E-09	7.E-05	9.E-11	2.E-06	0.	0.
Am241*	1.E-03	1.E+00	1.E-01	1.E+02	1.E-02	9.E+00	1.E-03	1.E+00	5.E-01	4.E+02	1.E-02	1.E+01	0.	0.
Am242*	5.E-12	1.E-03	4.E-10	7.E-02	3.E-11	6.E-03	4.E-12	7.E-04	1.E-09	2.E-01	4.E-11	9.E-03	0.	0.
Am242m*	4.E-07	1.E-03	3.E-05	7.E-02	3.E-06	6.E-03	3.E-07	7.E-04	1.E-04	2.E-01	4.E-06	9.E-03	0.	0.
Am243*	5.E-06	3.E-04	4.E-04	2.E-02	4.E-05	2.E-03	4.E-06	2.E-04	1.E-03	7.E-02	5.E-05	2.E-03	0.	0.
At217	1.E-22	5.E-08	1.E-22	4.E-08	9.E-23	3.E-08	8.E-23	3.E-08	4.E-23	1.E-08	8.E-23	3.E-08	0.	0.
Ba137m	0.	0.	5.E-07	4.E+04	1.E-06	1.E+05	3.E-06	2.E+05	0.	0.	4.E-06	3.E+05	2.E-05	2.E+06
Bi210*	5.E-19	1.E-11	2.E-18	6.E-11	1.E-19	3.E-12	3.E-20	8.E-13	1.E-17	3.E-10	9.E-19	2.E-11	5.E-19	1.E-11
Bi211	2.E-19	2.E-08	1.E-16	1.E-05	1.E-17	1.E-06	1.E-18	1.E-07	8.E-16	7.E-05	3.E-16	2.E-05	2.E-15	1.E-04
Bi213	1.E-17	5.E-08	1.E-17	5.E-08	8.E-18	3.E-08	7.E-18	3.E-08	3.E-18	1.E-08	7.E-18	3.E-08	1.E-17	5.E-08
Bi214	7.E-22	7.E-12	4.E-20	4.E-10	2.E-21	2.E-11	5.E-22	5.E-12	2.E-19	2.E-09	1.E-20	1.E-10	7.E-21	6.E-11
C14 *	3.E-08	2.E-06	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-11	3.E-09
Cm242*	1.E-09	9.E-04	7.E-08	6.E-02	7.E-09	5.E-03	7.E-10	6.E-04	2.E-07	2.E-01	9.E-09	7.E-03	0.	0.
Cm244*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	1.E-18	5.E-08	1.E-18	4.E-08	8.E-19	3.E-08	7.E-19	3.E-08	3.E-19	1.E-08	7.E-19	3.E-08	0.	0.
Fr223	3.E-20	3.E-10	2.E-17	2.E-07	2.E-18	2.E-08	2.E-19	2.E-09	1.E-16	1.E-06	2.E-18	2.E-08	0.	0.
I129 *	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m*	4.E-06	1.E-01	7.E-04	2.E+01	7.E-05	2.E+00	8.E-06	2.E-01	1.E-03	3.E+01	6.E-05	2.E+00	0.	0.
Ni63 *	7.E-01	3.E+03	0.	0.	0.	0.	0.	0.	2.E-01	9.E+02	2.E-01	6.E+02	2.E-01	8.E+02
Np237*	2.E-05	3.E-06	5.E-03	8.E-04	5.E-04	8.E-05	5.E-05	8.E-06	1.E-02	2.E-03	5.E-04	8.E-05	0.	0.
Np239*	4.E-12	2.E-04	3.E-10	2.E-02	3.E-11	2.E-03	4.E-12	2.E-04	1.E-09	6.E-02	4.E-11	2.E-03	0.	0.
Pa231*	2.E-08	2.E-07	4.E-06	4.E-05	3.E-07	3.E-06	3.E-08	3.E-07	2.E-05	3.E-04	5.E-07	5.E-06	0.	0.
Pa233*	6.E-13	3.E-06	2.E-10	8.E-04	2.E-11	8.E-05	2.E-12	8.E-06	4.E-10	2.E-03	2.E-11	8.E-05	0.	0.
Pa234m	2.E-13	3.E-02	1.E-11	2.E+00	8.E-13	1.E-01	9.E-14	1.E-02	8.E-11	1.E+01	1.E-12	2.E-01	0.	0.
Pb209	5.E-17	5.E-08	5.E-17	4.E-08	3.E-17	3.E-08	3.E-17	3.E-08	1.E-17	1.E-08	3.E-17	3.E-08	4.E-17	4.E-08
Pb210*	7.E-16	1.E-11	3.E-15	5.E-11	2.E-16	3.E-12	5.E-17	8.E-13	2.E-14	3.E-10	1.E-15	2.E-11	5.E-16	9.E-12
Pb211	4.E-18	2.E-08	2.E-15	1.E-05	2.E-16	1.E-06	2.E-17	1.E-07	1.E-14	7.E-05	3.E-16	1.E-06	2.E-14	9.E-05
Pb214	1.E-21	7.E-12	5.E-20	4.E-10	2.E-21	2.E-11	7.E-22	5.E-12	3.E-19	2.E-09	2.E-20	1.E-10	6.E-21	4.E-11
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210*	1.E-17	1.E-11	5.E-17	5.E-11	3.E-18	3.E-12	8.E-19	7.E-13	3.E-16	3.E-10	2.E-17	2.E-11	0.	0.
Po213	2.E-26	4.E-08	2.E-26	4.E-08	1.E-26	3.E-08	1.E-26	3.E-08	5.E-27	1.E-08	1.E-26	3.E-08	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-103 MOLES	TANK S-103 CURIES	TANK S-104 MOLES	TANK S-104 CURIES	TANK S-105 MOLES	TANK S-105 CURIES	TANK S-106 MOLES	TANK S-106 CURIES	TANK S-107 MOLES	TANK S-107 CURIES	TANK S-108 MOLES	TANK S-108 CURIES	TANK S-109 MOLES	TANK S-109 CURIES
Po214	1.E-28	8.E-12	7.E-27	5.E-10	3.E-28	2.E-11	8.E-29	6.E-12	3.E-26	2.E-09	2.E-27	1.E-10	0.	0.
Po215	3.E-24	2.E-08	2.E-21	1.E-05	2.E-22	1.E-06	2.E-23	1.E-07	1.E-20	7.E-05	2.E-22	2.E-06	0.	0.
Po218	1.E-22	7.E-12	6.E-21	4.E-10	3.E-22	2.E-11	7.E-23	5.E-12	3.E-20	2.E-09	2.E-21	1.E-10	0.	0.
Pu238	7.E-05	3.E-01	2.E-03	1.E+01	7.E-05	3.E-01	2.E-05	1.E-01	1.E-02	5.E+01	8.E-04	3.E+00	1.E-04	4.E-01
Pu239	1.E-01	2.E+00	1.E+01	2.E+02	9.E-01	1.E+01	1.E-01	1.E+00	8.E+01	1.E+03	2.E+00	3.E+01	2.E-01	3.E+00
Pu240	8.E-03	5.E-01	7.E-01	4.E+01	5.E-02	3.E+00	6.E-03	3.E-01	4.E+00	2.E+02	1.E-01	6.E+00	1.E-02	7.E-01
Pu241	2.E-04	4.E+00	1.E-02	3.E+02	1.E-03	2.E+01	1.E-04	3.E+00	1.E-01	4.E+03	3.E-03	8.E+01	4.E-04	9.E+00
Ra223	2.E-15	2.E-08	1.E-12	1.E-05	9.E-14	1.E-06	9.E-15	1.E-07	6.E-12	7.E-05	1.E-13	1.E-06	0.	0.
Ra225	5.E-15	5.E-08	5.E-15	4.E-08	4.E-15	3.E-08	3.E-15	3.E-08	1.E-15	1.E-08	3.E-15	3.E-08	0.	0.
Ra226	3.E-14	7.E-12	2.E-12	4.E-10	8.E-14	2.E-11	2.E-14	5.E-12	8.E-12	2.E-09	5.E-13	1.E-10	0.	0.
Ru106	0.	0.	4.E-08	1.E-02	4.E-09	1.E-03	5.E-10	2.E-04	5.E-05	2.E+01	3.E-06	1.E+00	0.	0.
Sb126	5.E-09	5.E-02	4.E-07	4.E+00	4.E-08	4.E-01	5.E-09	5.E-02	7.E-07	7.E+00	7.E-08	8.E-01	2.E-07	2.E+00
Sb126m	5.E-12	5.E-02	4.E-10	4.E+00	4.E-11	4.E-01	5.E-12	5.E-02	7.E-10	7.E+00	8.E-11	8.E-01	2.E-10	2.E+00
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	2.E-02	7.E+01	1.E+00	5.E+03	1.E-01	5.E+02	1.E-02	6.E+01	2.E+00	9.E+03	1.E-01	4.E+02	0.	0.
Sn126	1.E-02	5.E-02	1.E+00	4.E+00	1.E-01	4.E-01	1.E-02	5.E-02	2.E+00	7.E+00	1.E-01	4.E-01	0.	0.
Sr90	0.	0.	5.E+01	6.E+05	5.E+00	6.E+04	1.E+00	1.E+04	7.E+01	8.E+05	3.E+00	4.E+04	0.	0.
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	3.E-15	2.E-08	2.E-12	1.E-05	1.E-12	7.E-06	1.E-14	1.E-07	1.E-11	7.E-05	2.E-13	1.E-06	0.	0.
Th229	9.E-10	5.E-08	9.E-10	4.E-08	7.E-10	3.E-08	6.E-10	3.E-08	3.E-10	1.E-08	5.E-10	3.E-08	0.	0.
Th230	6.E-10	3.E-09	2.E-08	1.E-07	1.E-09	4.E-09	3.E-10	1.E-09	1.E-07	5.E-07	7.E-09	3.E-08	0.	0.
Th231	9.E-12	1.E-03	7.E-10	8.E-02	4.E-11	5.E-03	5.E-12	6.E-04	5.E-09	6.E-01	9.E-11	1.E-02	0.	0.
Th234	5.E-09	3.E-02	4.E-07	2.E+00	2.E-08	1.E-01	3.E-09	1.E-02	2.E-06	1.E+01	4.E-08	2.E-01	0.	0.
Tl207	5.E-19	2.E-08	3.E-16	1.E-05	3.E-17	1.E-06	3.E-18	1.E-07	2.E-15	7.E-05	4.E-17	2.E-06	0.	0.
U233	2.E-05	5.E-05	1.E-05	3.E-05	1.E-05	2.E-05	1.E-05	2.E-05	4.E-06	8.E-06	1.E-05	2.E-05	3.E-05	6.E-05
U234	2.E-05	2.E-05	6.E-04	9.E-04	2.E-05	3.E-05	7.E-06	1.E-05	3.E-03	5.E-03	2.E-04	3.E-04	2.E-05	4.E-05
U235	2.E+00	1.E-03	2.E+02	8.E-02	1.E+01	5.E-03	1.E+00	6.E-04	1.E+03	6.E-01	2.E+01	1.E-02	2.E+00	1.E-03
U238	3.E+02	3.E-02	2.E+04	2.E+00	2.E+03	1.E-01	2.E+02	1.E-02	2.E+05	1.E+01	3.E+03	2.E-01	3.E+02	3.E-02
Y90	0.	0.	1.E-02	6.E+05	1.E-03	6.E+04	3.E-04	2.E+04	2.E-02	8.E+05	9.E-04	4.E+04	0.	0.
Zr93	1.E+00	3.E-01	1.E+02	3.E+01	1.E+01	2.E+00	1.E+00	3.E-01	2.E+02	4.E+01	9.E+00	2.E+00	1.E+00	2.E-01
Ag	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	4.E+04	0.	3.E+06	0.	3.E+05	0.	4.E+04	0.	5.E+06	0.	3.E+05	0.	4.E+04	0.
Ba	3.E+01	0.	2.E+01	0.	1.E+01	0.	2.E+01	0.	8.E+00	0.	1.E+01	0.	4.E+01	0.
Bi	1.E-12	0.	7.E-13	0.	4.E-13	0.	3.E-13	0.	3.E-13	0.	5.E-13	0.	8.E-13	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS . 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-103 MOLES	TANK S-103 CURIES	TANK S-104 MOLES	TANK S-104 CURIES	TANK S-105 MOLES	TANK S-105 CURIES	TANK S-106 MOLES	TANK S-106 CURIES	TANK S-107 MOLES	TANK S-107 CURIES	TANK S-108 MOLES	TANK S-108 CURIES	TANK S-109 MOLES	TANK S-109 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	4.E-03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-06	0.
Ca	4.E-03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	9.E+03	0.	9.E+05	0.	8.E+04	0.	9.E+03	0.	7.E+05	0.	7.E+04	0.	8.E+03	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	0.	0.	0.	0.	5.E+05	0.	0.	0.	0.	0.
Fe	5.E+02	0.	5.E+04	0.	5.E+03	0.	5.E+02	0.	4.E+04	0.	4.E+03	0.	5.E+02	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	2.E+00	0.	0.	0.	2.E+01	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	6.E+07	0.	2.E+07	0.	1.E+07	0.	4.E+06	0.	1.E+07	0.	3.E+05	0.	5.E+07	0.
Na	6.E+07	0.	2.E+07	0.	1.E+07	0.	4.E+06	0.	1.E+07	0.	3.E+05	0.	5.E+07	0.
Ni	1.E+02	0.	0.	0.	0.	0.	0.	0.	3.E+02	0.	3.E+02	0.	1.E+02	0.
OH	1.E+05	0.	1.E+07	0.	1.E+06	0.	1.E+05	0.	2.E+07	0.	1.E+06	0.	1.E+05	0.
PO4	3.E+04	0.	0.	0.	0.	0.	0.	0.	5.E-14	0.	7.E-14	0.	5.E+04	0.
Pb	2.E-02	0.	2.E-10	0.	3.E-11	0.	4.E-12	0.	4.E-02	0.	3.E-11	0.	9.E-02	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	3.E+01	0.	2.E+01	0.	1.E+01	0.	2.E+01	0.	8.E+00	0.	1.E+01	0.	4.E+01	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	6.E+00	0.	5.E+01	0.	5.E+00	0.	7.E-01	0.	4.E+05	0.	2.E+04	0.	2.E+03	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK S-110 MOLES	TANK S-110 CURIES	TANK S-111 MOLES	TANK S-111 CURIES	TANK S-112 MOLES	TANK S-112 CURIES	TANK SX-101 MOLES	TANK SX-101 CURIES	TANK SX-102 MOLES	TANK SX-102 CURIES	TANK SX-103 MOLES	TANK SX-103 CURIES	TANK SX-104 MOLES	TANK SX-104 CURIES
Ac225	2.E-15	2.E-08	2.E-15	3.E-08	0.	0.	5.E-15	6.E-08	2.E-15	3.E-08	3.E-15	4.E-08	5.E-15	7.E-08
Ac227	4.E-10	7.E-06	4.E-11	7.E-07	0.	0.	6.E-10	1.E-05	6.E-11	1.E-06	6.E-12	9.E-08	4.E-10	7.E-06
Am241	7.E-02	5.E+01	7.E-03	5.E+00	0.	0.	2.E-01	1.E+02	2.E-02	1.E+01	2.E-03	2.E+00	2.E-01	1.E+02
Am242	2.E-10	5.E-02	2.E-11	5.E-03	0.	0.	2.E-09	3.E-01	2.E-10	3.E-02	2.E-11	3.E-03	2.E-09	3.E-01
Am242m	2.E-05	5.E-02	2.E-06	5.E-03	0.	0.	1.E-04	3.E-01	1.E-05	3.E-02	1.E-06	3.E-03	1.E-04	3.E-01
Am243	3.E-04	1.E-02	3.E-05	1.E-03	0.	0.	1.E-03	6.E-02	1.E-04	6.E-03	1.E-05	7.E-04	1.E-03	6.E-02
At217	7.E-23	2.E-08	8.E-23	3.E-08	0.	0.	2.E-22	6.E-08	9.E-23	3.E-08	1.E-22	4.E-08	2.E-22	7.E-08
Ba137m	2.E-05	2.E+06	2.E-05	2.E+06	7.E-05	5.E+06	0.	0.	0.	0.	0.	0.	2.E-06	1.E+05
Bi210	1.E-18	3.E-11	2.E-19	5.E-12	2.E-18	4.E-11	1.E-17	3.E-10	1.E-18	3.E-11	3.E-19	8.E-12	8.E-18	2.E-10
Bi211	4.E-16	4.E-05	6.E-16	5.E-05	7.E-15	6.E-04	1.E-16	1.E-05	1.E-17	1.E-06	1.E-18	9.E-08	8.E-17	7.E-06
Bi213	6.E-18	3.E-08	7.E-18	3.E-08	2.E-17	6.E-08	2.E-17	7.E-08	8.E-18	3.E-08	1.E-17	4.E-08	2.E-17	7.E-08
Bi214	1.E-20	1.E-10	2.E-21	2.E-11	2.E-20	2.E-10	2.E-19	1.E-09	2.E-20	2.E-10	3.E-21	3.E-11	1.E-19	1.E-09
C14	0.	0.	0.	0.	4.E-07	3.E-05	0.	0.	2.E-09	1.E-07	3.E-01	2.E+01	0.	0.
Cm242	5.E-08	4.E-02	5.E-09	4.E-03	0.	0.	3.E-07	3.E-01	3.E-08	3.E-02	3.E-09	3.E-03	3.E-07	3.E-01
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	6.E-19	2.E-08	7.E-19	3.E-08	0.	0.	2.E-18	6.E-08	8.E-19	3.E-08	1.E-18	4.E-08	2.E-18	7.E-08
Fr223	1.E-17	1.E-07	1.E-18	1.E-08	0.	0.	2.E-17	1.E-07	2.E-18	2.E-08	2.E-19	1.E-09	1.E-17	1.E-07
I129	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	5.E-04	1.E+01	5.E-05	1.E+00	0.	0.	1.E-03	3.E+01	1.E-04	3.E+00	1.E-05	3.E-01	8.E-04	2.E+01
Ni63	4.E-01	2.E+03	2.E-01	9.E+02	2.E-01	9.E+02	2.E-01	6.E+02	7.E-01	3.E+03	1.E-01	6.E+02	9.E-02	4.E+02
Np237	3.E-03	5.E-04	3.E-04	5.E-05	0.	0.	7.E-03	1.E-03	7.E-04	1.E-04	7.E-05	1.E-05	5.E-03	9.E-04
Np239	2.E-10	1.E-02	2.E-11	1.E-03	0.	0.	1.E-09	6.E-02	1.E-10	6.E-03	1.E-11	6.E-04	1.E-09	6.E-02
Pa231	2.E-06	2.E-05	2.E-07	2.E-06	0.	0.	3.E-06	3.E-05	3.E-07	3.E-06	3.E-08	3.E-07	2.E-06	2.E-05
Pa233	1.E-10	5.E-04	1.E-11	5.E-05	0.	0.	2.E-10	1.E-03	2.E-11	1.E-04	2.E-12	1.E-05	2.E-10	9.E-04
Pa234m	5.E-12	8.E-01	7.E-13	1.E-01	0.	0.	9.E-12	1.E+00	1.E-12	2.E-01	9.E-14	1.E-02	7.E-12	1.E+00
Pb209	3.E-17	2.E-08	3.E-17	3.E-08	7.E-17	7.E-08	7.E-17	6.E-08	3.E-17	3.E-08	5.E-17	4.E-08	7.E-17	7.E-08
Pb210	1.E-15	2.E-11	2.E-16	4.E-12	3.E-15	4.E-11	2.E-14	2.E-10	2.E-15	3.E-11	5.E-16	8.E-12	1.E-14	2.E-10
Pb211	1.E-15	7.E-06	1.E-16	7.E-07	1.E-13	6.E-04	2.E-15	1.E-05	2.E-16	1.E-06	2.E-17	9.E-08	1.E-15	7.E-06
Pb214	2.E-20	1.E-10	3.E-21	2.E-11	3.E-20	2.E-10	2.E-19	1.E-09	2.E-20	2.E-10	4.E-21	3.E-11	2.E-19	1.E-09
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	2.E-17	2.E-11	4.E-18	4.E-12	0.	0.	2.E-16	2.E-10	3.E-17	3.E-11	8.E-18	8.E-12	2.E-16	2.E-10
Po213	9.E-27	2.E-08	1.E-26	3.E-08	0.	0.	2.E-26	6.E-08	1.E-26	3.E-08	2.E-26	4.E-08	2.E-26	6.E-08

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ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-110 MOLES	TANK S-110 CURIES	TANK S-111 MOLES	TANK S-111 CURIES	TANK S-112 MOLES	TANK S-112 CURIES	TANK SX-101 MOLES	TANK SX-101 CURIES	TANK SX-102 MOLES	TANK SX-102 CURIES	TANK SX-103 MOLES	TANK SX-103 CURIES	TANK SX-104 MOLES	TANK SX-104 CURIES
Po214	2.E-27	2.E-10	3.E-28	2.E-11	0.	0.	3.E-26	2.E-09	3.E-27	2.E-10	5.E-28	3.E-11	2.E-26	2.E-09
Po215	1.E-21	7.E-06	1.E-22	7.E-07	0.	0.	2.E-21	1.E-05	2.E-22	1.E-06	1.E-23	9.E-08	1.E-21	7.E-06
Po218	2.E-21	1.E-10	3.E-22	2.E-11	0.	0.	2.E-20	1.E-09	3.E-21	2.E-10	4.E-22	3.E-11	2.E-20	1.E-09
Pu238*	6.E-04	2.E+00	8.E-05	3.E-01	4.E-05	2.E-01	9.E-03	4.E+01	1.E-03	4.E+00	2.E-04	7.E-01	9.E-03	4.E+01
Pu239*	6.E+00	9.E+01	6.E-01	9.E+00	7.E-02	1.E+00	1.E+01	2.E+02	1.E+00	2.E+01	1.E-01	2.E+00	1.E+01	2.E+02
Pu240*	4.E-01	2.E+01	4.E-02	2.E+00	4.E-03	2.E-01	7.E-01	4.E+01	7.E-02	4.E+00	8.E-03	4.E-01	6.E-01	4.E+01
Pu241*	7.E-03	2.E+02	7.E-04	2.E+01	8.E-05	2.E+00	1.E-02	4.E+02	1.E-03	4.E+01	2.E-04	4.E+00	1.E-02	3.E+02
Ra223*	6.E-13	7.E-06	6.E-14	7.E-07	0.	0.	9.E-13	1.E-05	9.E-14	1.E-06	8.E-15	9.E-08	6.E-13	7.E-06
Ra225	3.E-15	2.E-08	3.E-15	3.E-08	0.	0.	7.E-15	6.E-08	4.E-15	3.E-08	5.E-15	4.E-08	8.E-15	7.E-08
Ra226*	6.E-13	1.E-10	8.E-14	2.E-11	0.	0.	6.E-12	1.E-09	7.E-13	2.E-10	1.E-13	3.E-11	6.E-12	1.E-09
Ru106*	1.E-08	5.E-03	1.E-09	5.E-04	0.	0.	2.E-07	5.E-02	3.E-07	1.E-01	1.E-08	5.E-03	1.E-07	5.E-02
Sb126	3.E-07	3.E+00	4.E-08	4.E-01	1.E-07	1.E+00	6.E-07	6.E+00	6.E-08	6.E-01	6.E-09	7.E-02	5.E-07	6.E+00
Sb126m	3.E-10	3.E+00	4.E-11	4.E-01	1.E-10	1.E+00	6.E-10	6.E+00	6.E-11	6.E-01	7.E-12	7.E-02	6.E-10	6.E+00
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151*	8.E-01	3.E+03	8.E-02	3.E+02	0.	0.	2.E+00	1.E+04	2.E-01	1.E+03	3.E-02	1.E+02	2.E+00	9.E+03
Sn126	8.E-01	3.E+00	8.E-02	3.E-01	0.	0.	2.E+00	6.E+00	2.E-01	6.E-01	2.E-02	6.E-02	1.E+00	5.E+00
Sr90*	0.	0.	2.E+01	2.E+05	0.	0.	7.E+01	9.E+05	2.E+02	2.E+06	1.E-01	2.E+03	0.	0.
Tc99*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227*	9.E-13	6.E-06	9.E-14	7.E-07	0.	0.	1.E-12	1.E-05	1.E-13	1.E-06	1.E-14	9.E-08	1.E-12	7.E-06
Th229	5.E-10	2.E-08	6.E-10	3.E-08	0.	0.	1.E-09	6.E-08	6.E-10	3.E-08	9.E-10	4.E-08	1.E-09	7.E-08
Th230*	8.E-09	4.E-08	1.E-09	5.E-09	0.	0.	8.E-08	4.E-07	9.E-09	4.E-08	2.E-09	7.E-09	8.E-08	4.E-07
Th231*	3.E-10	4.E-02	4.E-11	5.E-03	0.	0.	5.E-10	6.E-02	6.E-11	7.E-03	5.E-12	6.E-04	4.E-10	5.E-02
Th234*	2.E-07	8.E-01	2.E-08	1.E-01	0.	0.	3.E-07	1.E+00	3.E-08	2.E-01	3.E-09	1.E-02	2.E-07	1.E+00
Tl207	2.E-16	7.E-06	2.E-17	7.E-07	0.	0.	3.E-16	1.E-05	3.E-17	1.E-06	2.E-18	9.E-08	2.E-16	7.E-06
U233*	1.E-05	2.E-05	1.E-05	3.E-05	6.E-05	1.E-04	2.E-05	5.E-05	8.E-06	2.E-05	2.E-05	4.E-05	2.E-05	5.E-05
U234*	2.E-04	3.E-04	3.E-05	4.E-05	6.E-06	9.E-06	2.E-03	3.E-03	3.E-04	4.E-04	4.E-05	6.E-05	2.E-03	3.E-03
U235*	7.E+01	4.E-02	1.E+01	5.E-03	1.E+00	7.E-04	1.E+02	6.E-02	1.E+01	8.E-03	1.E+00	6.E-04	1.E+02	5.E-02
U238*	1.E+04	9.E-01	1.E+03	1.E-01	2.E+02	2.E-02	2.E+04	1.E+00	2.E+03	2.E-01	2.E+02	1.E-02	1.E+04	1.E+00
Y90*	0.	0.	5.E-03	3.E+05	0.	0.	2.E-02	9.E+05	5.E-02	3.E+06	3.E-05	2.E+03	0.	0.
Zr93*	7.E+01	2.E+01	7.E+00	2.E+00	8.E-01	2.E-01	2.E+02	4.E+01	2.E+01	4.E+00	2.E+00	4.E-01	1.E+02	3.E+01
Ag*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	4.E+06	0.	3.E+06	0.	4.E+05	0.	5.E+06	0.	6.E+06	0.	1.E+06	0.	4.E+06	0.
Ba*	3.E+01	0.	3.E+01	0.	9.E+01	0.	3.E+01	0.	3.E+01	0.	1.E+02	0.	3.E+01	0.
Bi	4.E-13	0.	6.E-13	0.	1.E-12	0.	8.E-13	0.	6.E-13	0.	8.E-13	0.	9.E-13	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK S-110 MOLES	TANK S-110 CURIES	TANK S-111 MOLES	TANK S-111 CURIES	TANK S-112 MOLES	TANK S-112 CURIES	TANK SX-101 MOLES	TANK SX-101 CURIES	TANK SX-102 MOLES	TANK SX-102 CURIES	TANK SX-103 MOLES	TANK SX-103 CURIES	TANK SX-104 MOLES	TANK SX-104 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	0.	0.	0.	0.	6.E-02	0.	0.	0.	4.E-04	0.	9.E+00	0.	0.	0.
Ca	0.	0.	0.	0.	6.E-02	0.	0.	0.	3.E+01	0.	1.E+01	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	7.E+05	0.	7.E+04	0.	8.E+03	0.	1.E+06	0.	1.E+05	0.	1.E+04	0.	1.E+06	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe	4.E+04	0.	4.E+03	0.	4.E+02	0.	8.E+04	0.	8.E+03	0.	1.E+04	0.	6.E+04	0.
Fe(CN)6	3.E+02	0.	5.E+01	0.	2.E+02	0.	2.E+02	0.	2.E+01	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	6.E+05	0.	0.	0.	1.E+08	0.	2.E+07	0.	6.E+07	0.	8.E+07	0.	3.E+07	0.
Na	6.E+05	0.	0.	0.	1.E+08	0.	2.E+07	0.	6.E+07	0.	8.E+07	0.	3.E+07	0.
Ni	2.E+03	0.	1.E+03	0.	5.E+02	0.	1.E+03	0.	9.E+02	0.	3.E+03	0.	2.E+02	0.
OH	2.E+07	0.	1.E+07	0.	1.E+06	0.	2.E+07	0.	2.E+07	0.	5.E+06	0.	1.E+07	0.
PO4	1.E-13	0.	3.E-13	0.	4.E+05	0.	1.E-13	0.	7.E+03	0.	0.	0.	0.	0.
Pb	2.E+01	0.	2.E+00	0.	1.E+01	0.	6.E+03	0.	1.E+02	0.	4.E+03	0.	3.E+02	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	3.E+01	0.	3.E+01	0.	9.E+01	0.	6.E+03	0.	3.E+01	0.	1.E+02	0.	3.E+01	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	2.E+01	0.	3.E+01	0.	3.E+01	0.	7.E+01	0.	6.E+01	0.	4.E+01	0.	3.E+01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK SX-105 MOLES	TANK SX-105 CURIES	TANK SX-106 MOLES	TANK SX-106 CURIES	TANK SX-107 MOLES	TANK SX-107 CURIES	TANK SX-108 MOLES	TANK SX-108 CURIES	TANK SX-109 MOLES	TANK SX-109 CURIES	TANK SX-110 MOLES	TANK SX-110 CURIES	TANK SX-111 MOLES	TANK SX-111 CURIES
Ac225	3.E-15	3.E-08	1.E-16	1.E-09	4.E-15	5.E-08	4.E-15	5.E-08	2.E-15	3.E-08	2.E-15	2.E-08	2.E-15	3.E-08
Ac227*	3.E-11	4.E-07	5.E-12	9.E-08	4.E-10	7.E-06	5.E-10	7.E-06	2.E-10	4.E-06	2.E-10	3.E-06	5.E-10	8.E-06
Am241*	1.E-02	1.E+01	3.E-09	2.E-06	6.E-01	5.E+02	6.E-01	5.E+02	3.E-01	2.E+02	9.E-01	7.E+02	1.E+00	9.E+02
Am242*	2.E-10	3.E-02	0.	0.	3.E-09	6.E-01	3.E-09	6.E-01	2.E-09	3.E-01	4.E-09	8.E-01	6.E-09	1.E+00
Am242m*	1.E-05	3.E-02	0.	0.	3.E-04	6.E-01	3.E-04	6.E-01	1.E-04	3.E-01	3.E-04	8.E-01	5.E-04	1.E+00
Am243*	1.E-04	5.E-03	0.	0.	3.E-03	2.E-01	4.E-03	2.E-01	2.E-03	8.E-02	5.E-03	2.E-01	7.E-03	4.E-01
At217	1.E-22	3.E-08	4.E-24	1.E-09	1.E-22	5.E-08	1.E-22	5.E-08	8.E-23	3.E-08	7.E-23	2.E-08	7.E-23	3.E-08
Ba137m	4.E-06	3.E+05	4.E-06	3.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Bi210*	1.E-18	3.E-11	2.E-19	6.E-12	4.E-18	1.E-10	3.E-18	8.E-11	4.E-18	9.E-11	3.E-19	8.E-12	6.E-18	1.E-10
Bi211	5.E-18	4.E-07	7.E-16	6.E-05	8.E-17	7.E-06	9.E-17	8.E-06	5.E-17	4.E-06	3.E-17	3.E-06	9.E-17	8.E-06
Bi213	9.E-18	4.E-08	6.E-18	3.E-08	1.E-17	5.E-08	1.E-17	5.E-08	7.E-18	3.E-08	6.E-18	2.E-08	6.E-18	3.E-08
Bi214	1.E-20	1.E-10	8.E-21	7.E-11	7.E-20	6.E-10	5.E-20	5.E-10	6.E-20	6.E-10	7.E-21	7.E-11	1.E-19	9.E-10
C14*	0.	0.	1.E-02	9.E-01	0.	0.	0.	0.	0.	0.	2.E-08	1.E-06	0.	0.
Cm242*	3.E-08	2.E-02	0.	0.	6.E-07	5.E-01	6.E-07	5.E-01	3.E-07	3.E-01	8.E-07	6.E-01	1.E-06	9.E-01
Cm244*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	9.E-19	3.E-08	3.E-20	1.E-09	1.E-18	5.E-08	1.E-18	5.E-08	7.E-19	3.E-08	6.E-19	2.E-08	6.E-19	3.E-08
Fr223	7.E-19	6.E-09	1.E-19	1.E-09	1.E-17	1.E-07	1.E-17	1.E-07	7.E-18	6.E-08	5.E-18	4.E-08	1.E-17	1.E-07
I129*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m*	6.E-05	2.E+00	0.	0.	2.E-03	5.E+01	2.E-03	5.E+01	9.E-04	2.E+01	2.E-03	4.E+01	2.E-03	5.E+01
Ni63*	4.E-01	1.E+03	9.E-02	4.E+02	2.E+00	6.E+03	2.E+00	7.E+03	0.	0.	2.E+00	9.E+03	1.E+00	5.E+03
Np237*	4.E-04	7.E-05	1.E-11	2.E-12	1.E-02	2.E-03	2.E-02	3.E-03	6.E-03	1.E-03	1.E-02	2.E-03	3.E-02	5.E-03
Np239*	9.E-11	5.E-03	0.	0.	3.E-09	2.E-01	3.E-09	2.E-01	1.E-09	8.E-02	4.E-09	2.E-01	6.E-09	3.E-01
Pa231*	2.E-07	2.E-06	1.E-07	1.E-06	3.E-06	3.E-05	3.E-06	3.E-05	2.E-06	2.E-05	2.E-06	2.E-05	3.E-06	4.E-05
Pa233*	1.E-11	7.E-05	4.E-19	2.E-12	5.E-10	2.E-03	6.E-10	3.E-03	2.E-10	1.E-03	5.E-10	2.E-03	9.E-10	5.E-03
Pa234m	6.E-13	1.E-01	1.E-12	2.E-01	1.E-11	2.E+00	1.E-11	2.E+00	7.E-12	1.E+00	1.E-11	2.E+00	1.E-11	2.E+00
Pb209	4.E-17	3.E-08	1.E-18	1.E-09	5.E-17	5.E-08	5.E-17	5.E-08	3.E-17	3.E-08	2.E-17	2.E-08	3.E-17	3.E-08
Pb210*	2.E-15	3.E-11	1.E-17	2.E-13	6.E-15	9.E-11	5.E-15	8.E-11	5.E-15	9.E-11	5.E-16	8.E-12	9.E-15	1.E-10
Pb211	8.E-17	4.E-07	2.E-17	8.E-08	1.E-15	7.E-06	1.E-15	7.E-06	8.E-16	4.E-06	5.E-16	3.E-06	2.E-15	8.E-06
Pb214	2.E-20	1.E-10	6.E-22	4.E-12	9.E-20	6.E-10	7.E-20	5.E-10	8.E-20	6.E-10	1.E-20	7.E-11	1.E-19	9.E-10
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210*	3.E-17	3.E-11	3.E-19	2.E-13	9.E-17	9.E-11	8.E-17	8.E-11	9.E-17	8.E-11	8.E-18	7.E-12	1.E-16	1.E-10
Po213	1.E-26	3.E-08	5.E-28	1.E-09	2.E-26	5.E-08	2.E-26	5.E-08	1.E-26	3.E-08	8.E-27	2.E-08	9.E-27	2.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-105 MOLES	TANK SX-105 CURIES	TANK SX-106 MOLES	TANK SX-106 CURIES	TANK SX-107 MOLES	TANK SX-107 CURIES	TANK SX-108 MOLES	TANK SX-108 CURIES	TANK SX-109 MOLES	TANK SX-109 CURIES	TANK SX-110 MOLES	TANK SX-110 CURIES	TANK SX-111 MOLES	TANK SX-111 CURIES
Po214	2.E-27	2.E-10	8.E-29	5.E-12	1.E-26	8.E-10	9.E-27	6.E-10	1.E-26	7.E-10	1.E-27	9.E-11	2.E-26	1.E-09
Po215	7.E-23	4.E-07	1.E-23	8.E-08	1.E-21	7.E-06	1.E-21	8.E-06	7.E-22	4.E-06	4.E-22	3.E-06	1.E-21	8.E-06
Po218	2.E-21	1.E-10	7.E-23	4.E-12	1.E-20	6.E-10	8.E-21	5.E-10	9.E-21	6.E-10	1.E-21	7.E-11	1.E-20	9.E-10
Pu238	9.E-04	4.E+00	2.E-06	1.E-02	5.E-03	2.E+01	4.E-03	2.E+01	4.E-03	2.E+01	2.E-03	6.E+00	8.E-03	3.E+01
Pu239	1.E+00	2.E+01	5.E-06	7.E-05	2.E+01	3.E+02	2.E+01	3.E+02	1.E+01	2.E+02	2.E+01	3.E+02	2.E+01	4.E+02
Pu240	6.E-02	3.E+00	1.E-05	5.E-04	1.E+00	6.E+01	1.E+00	6.E+01	7.E-01	4.E+01	1.E+00	7.E+01	2.E+00	8.E+01
Pu241	1.E-03	3.E+01	2.E-08	4.E-04	3.E-02	8.E+02	3.E-02	9.E+02	2.E-02	5.E+02	5.E-02	1.E+03	7.E-02	2.E+03
Ra223	4.E-14	4.E-07	7.E-15	8.E-08	6.E-13	7.E-06	6.E-13	7.E-06	4.E-13	4.E-06	2.E-13	3.E-06	7.E-13	8.E-06
Ra225	4.E-15	3.E-08	2.E-16	1.E-09	6.E-15	5.E-08	6.E-15	5.E-08	3.E-15	3.E-08	3.E-15	2.E-08	3.E-15	3.E-08
Ra226	6.E-13	1.E-10	2.E-14	4.E-12	3.E-12	6.E-10	2.E-12	5.E-10	2.E-12	6.E-10	3.E-13	7.E-11	4.E-12	9.E-10
Ru106	1.E-08	5.E-03	0.	0.	8.E-05	3.E+01	7.E-05	3.E+01	2.E-05	8.E+00	6.E-04	2.E+02	3.E-04	1.E+02
Sb126	7.E-08	8.E-01	9.E-07	9.E+00	1.E-06	1.E+01	1.E-06	1.E+01	7.E-07	8.E+00	2.E-06	2.E+01	2.E-06	2.E+01
Sb126m	8.E-11	8.E-01	1.E-09	9.E+00	1.E-09	1.E+01	1.E-09	1.E+01	8.E-10	8.E+00	2.E-09	2.E+01	2.E-09	2.E+01
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	2.E-01	8.E+02	0.	0.	4.E+00	2.E+04	5.E+00	2.E+04	3.E+00	1.E+04	5.E+00	2.E+04	6.E+00	2.E+04
Sn126	1.E-01	4.E-01	0.	0.	4.E+00	1.E+01	4.E+00	1.E+01	2.E+00	8.E+00	5.E+00	2.E+01	5.E+00	2.E+01
Sr90	2.E+01	3.E+05	0.	0.	2.E+02	2.E+06	1.E+02	1.E+06	3.E+01	4.E+05	7.E+01	9.E+05	1.E+02	1.E+06
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	6.E-14	4.E-07	1.E-14	8.E-08	9.E-13	6.E-06	1.E-12	7.E-06	6.E-13	4.E-06	4.E-13	3.E-06	1.E-12	8.E-06
Th229	7.E-10	3.E-08	3.E-11	1.E-09	1.E-09	5.E-08	1.E-09	5.E-08	6.E-10	3.E-08	5.E-10	2.E-08	5.E-10	3.E-08
Th230	8.E-09	4.E-08	8.E-10	4.E-09	4.E-08	2.E-07	3.E-08	2.E-07	3.E-08	2.E-07	7.E-09	3.E-08	6.E-08	3.E-07
Th231	3.E-11	4.E-03	7.E-11	9.E-03	6.E-10	8.E-02	7.E-10	9.E-02	4.E-10	5.E-02	7.E-10	9.E-02	9.E-10	1.E-01
Th234	2.E-08	1.E-01	4.E-08	2.E-01	3.E-07	2.E+00	3.E-07	2.E+00	2.E-07	1.E+00	3.E-07	2.E+00	4.E-07	2.E+00
Tl207	1.E-17	4.E-07	2.E-18	8.E-08	2.E-16	7.E-06	2.E-16	7.E-06	1.E-16	4.E-06	7.E-17	3.E-06	2.E-16	8.E-06
U233	1.E-05	3.E-05	3.E-06	7.E-06	1.E-05	3.E-05	1.E-05	3.E-05	7.E-06	2.E-05	8.E-06	2.E-05	6.E-06	1.E-05
U234	2.E-04	3.E-04	6.E-05	8.E-05	1.E-03	2.E-03	1.E-03	1.E-03	1.E-03	1.E-03	3.E-04	4.E-04	2.E-03	3.E-03
U235	8.E+00	4.E-03	2.E+01	9.E-03	2.E+02	8.E-02	2.E+02	9.E-02	1.E+02	5.E-02	2.E+02	9.E-02	2.E+02	1.E-01
U238	1.E+03	1.E-01	3.E+03	2.E-01	2.E+04	2.E+00	2.E+04	2.E+00	1.E+04	1.E+00	2.E+04	2.E+00	3.E+04	2.E+00
Y90	6.E-03	3.E+05	0.	0.	5.E-02	2.E+06	3.E-02	1.E+06	9.E-03	4.E+05	2.E-02	9.E+05	3.E-02	1.E+06
Zr93	1.E+01	3.E+00	0.	0.	3.E+02	8.E+01	4.E+02	8.E+01	2.E+02	5.E+01	4.E+02	1.E+02	4.E+02	1.E+02
Ag	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	3.E+05	0.	2.E+03	0.	3.E+06	0.	1.E+06	0.	2.E+06	0.	1.E+02	0.	3.E+06	0.
Ba	3.E+01	0.	2.E+00	0.	5.E+01	0.	4.E+01	0.	4.E+01	0.	1.E+02	0.	7.E+01	0.
Bi	6.E-13	0.	6.E-14	0.	1.E-12	0.	1.E-12	0.	5.E-13	0.	3.E-13	0.	5.E-13	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-105 MOLES	TANK SX-105 CURIES	TANK SX-106 MOLES	TANK SX-106 CURIES	TANK SX-107 MOLES	TANK SX-107 CURIES	TANK SX-108 MOLES	TANK SX-108 CURIES	TANK SX-109 MOLES	TANK SX-109 CURIES	TANK SX-110 MOLES	TANK SX-110 CURIES	TANK SX-111 MOLES	TANK SX-111 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	0.	0.	4.E+03	0.	0.	0.	0.	0.	0.	0.	2.E-02	0.	0.	0.
Ca	0.	0.	0.	0.	2.E+03	0.	1.E+04	0.	0.	0.	1.E+04	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	8.E+04	0.	0.	0.	1.E+06	0.	1.E+06	0.	1.E+06	0.	7.E+05	0.	1.E+06	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe	1.E+04	0.	1.E+03	0.	8.E+04	0.	1.E+05	0.	8.E+04	0.	7.E+04	0.	1.E+05	0.
Fe(CN)6	1.E+02	0.	6.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	7.E+06	0.	9.E-06	0.	1.E+07	0.	3.E+07	0.	3.E+07	0.	5.E+07	0.	3.E+07	0.
Na	7.E+06	0.	5.E+03	0.	2.E+07	0.	3.E+07	0.	3.E+07	0.	5.E+07	0.	3.E+07	0.
Ni	1.E+03	0.	2.E+03	0.	0.	0.	0.	0.	0.	0.	7.E+01	0.	0.	0.
OH	1.E+06	0.	2.E+04	0.	2.E+07	0.	8.E+06	0.	1.E+07	0.	2.E+06	0.	1.E+07	0.
PO4	0.	0.	3.E-14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Pb	2.E+03	0.	7.E+02	0.	3.E-10	0.	4.E-10	0.	6.E-11	0.	1.E-09	0.	4.E-10	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	2.E+03	0.	2.E+02	0.	5.E+01	0.	4.E+01	0.	4.E+01	0.	1.E+02	0.	7.E+01	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	3.E+01	0.	2.E+00	0.	1.E+02	0.	1.E+02	0.	5.E+01	0.	9.E+01	0.	1.E+02	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK SX-112 MOLES	TANK SX-112 CURIES	TANK SX-113 MOLES	TANK SX-113 CURIES	TANK SX-114 MOLES	TANK SX-114 CURIES	TANK SX-115 MOLES	TANK SX-115 CURIES	TANK SY-101 MOLES	TANK SY-101 CURIES	TANK SY-102 MOLES	TANK SY-102 CURIES	TANK SY-103 MOLES	TANK SY-103 CURIES
Ac225	2.E-15	3.E-08	0.	0.	4.E-15	5.E-08	7.E-16	9.E-09	0.	0.	1.E-16	1.E-09	0.	0.
Ac227	3.E-10	5.E-06	0.	0.	5.E-10	8.E-06	2.E-10	3.E-06	0.	0.	2.E-23	3.E-19	0.	0.
Am241	4.E-01	3.E+02	5.E-02	4.E+01	9.E-01	8.E+02	2.E-01	2.E+02	0.	0.	1.E-09	1.E-06	0.	0.
Am242	2.E-09	4.E-01	1.E-10	2.E-02	5.E-09	9.E-01	1.E-09	2.E-01	0.	0.	0.	0.	0.	0.
Am242m	2.E-04	4.E-01	9.E-06	2.E-02	4.E-04	9.E-01	9.E-05	2.E-01	0.	0.	0.	0.	0.	0.
Am243	2.E-03	1.E-01	1.E-04	7.E-03	5.E-03	3.E-01	1.E-03	6.E-02	0.	0.	0.	0.	0.	0.
Al217	8.E-23	3.E-08	0.	0.	1.E-22	5.E-08	3.E-23	9.E-09	0.	0.	4.E-24	1.E-09	0.	0.
Ba137m	0.	0.	7.E-06	5.E+05	0.	0.	0.	0.	3.E-06	2.E+05	3.E-06	2.E+05	6.E-06	5.E+05
Bi210	4.E-18	1.E-10	2.E-19	5.E-12	2.E-18	4.E-11	4.E-19	9.E-12	2.E-19	6.E-12	7.E-19	2.E-11	5.E-19	1.E-11
Bi211	6.E-17	5.E-06	3.E-16	3.E-05	9.E-17	8.E-06	4.E-17	3.E-06	6.E-16	5.E-05	8.E-16	7.E-05	2.E-15	1.E-04
Bi213	7.E-18	3.E-08	1.E-17	5.E-08	1.E-17	5.E-08	2.E-18	9.E-09	6.E-18	2.E-08	7.E-18	3.E-08	1.E-17	5.E-08
Bi214	6.E-20	6.E-10	3.E-21	3.E-11	3.E-20	3.E-10	7.E-21	6.E-11	7.E-21	7.E-11	9.E-21	8.E-11	2.E-20	2.E-10
C14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E-08	8.E-07	0.	0.
Cm242	4.E-07	3.E-01	0.	0.	9.E-07	8.E-01	2.E-07	2.E-01	0.	0.	0.	0.	0.	0.
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	7.E-19	3.E-08	0.	0.	1.E-18	5.E-08	2.E-19	9.E-09	0.	0.	4.E-20	1.E-09	0.	0.
Fr223	9.E-18	8.E-08	0.	0.	1.E-17	1.E-07	5.E-18	5.E-08	0.	0.	5.E-31	4.E-21	0.	0.
I129	0.	0.	8.E-06	2.E-07	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	1.E-03	3.E+01	0.	0.	2.E-03	6.E+01	8.E-04	2.E+01	0.	0.	0.	0.	0.	0.
Ni63	5.E-02	2.E+02	3.E-01	1.E+03	3.E+00	1.E+04	8.E-01	3.E+03	0.	0.	4.E-01	2.E+03	0.	0.
Np237	1.E-02	2.E-03	0.	0.	2.E-02	3.E-03	6.E-03	9.E-04	0.	0.	1.E-12	2.E-13	0.	0.
Np239	2.E-09	1.E-01	0.	0.	4.E-09	2.E-01	1.E-09	6.E-02	0.	0.	0.	0.	0.	0.
Pa231	2.E-06	2.E-05	0.	0.	4.E-06	4.E-05	1.E-06	1.E-05	0.	0.	2.E-18	2.E-17	0.	0.
Pa233	3.E-10	2.E-03	0.	0.	6.E-10	3.E-03	2.E-10	9.E-04	0.	0.	3.E-20	1.E-13	0.	0.
Pa234m	8.E-12	1.E+00	0.	0.	2.E-11	3.E+00	4.E-12	7.E-01	0.	0.	2.E-23	3.E-12	0.	0.
Pb209	3.E-17	3.E-08	5.E-17	5.E-08	5.E-17	5.E-08	9.E-18	9.E-09	0.	0.	2.E-18	1.E-09	0.	0.
Pb210	6.E-15	9.E-11	3.E-16	4.E-12	3.E-15	4.E-11	6.E-16	9.E-12	0.	0.	7.E-16	1.E-11	0.	0.
Pb211	1.E-15	5.E-06	6.E-15	3.E-05	2.E-15	8.E-06	6.E-16	3.E-06	0.	0.	4.E-29	2.E-19	0.	0.
Pb214	9.E-20	6.E-10	4.E-21	3.E-11	4.E-20	3.E-10	9.E-21	6.E-11	0.	0.	5.E-26	3.E-16	0.	0.
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	9.E-17	9.E-11	0.	0.	4.E-17	4.E-11	9.E-18	8.E-12	0.	0.	1.E-17	1.E-11	0.	0.
Po213	1.E-26	3.E-08	0.	0.	2.E-26	5.E-08	3.E-27	9.E-09	0.	0.	5.E-28	1.E-09	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-112 MOLES	TANK SX-112 CURIES	TANK SX-113 MOLES	TANK SX-113 CURIES	TANK SX-114 MOLES	TANK SX-114 CURIES	TANK SX-115 MOLES	TANK SX-115 CURIES	TANK SY-101 MOLES	TANK SY-101 CURIES	TANK SY-102 MOLES	TANK SY-102 CURIES	TANK SY-103 MOLES	TANK SY-103 CURIES
Po214	1.E-26	7.E-10	0.	0.	5.E-27	4.E-10	1.E-27	8.E-11	0.	0.	6.E-33	4.E-16	0.	0.
Po215	9.E-22	5.E-06	0.	0.	1.E-21	8.E-06	5.E-22	3.E-06	0.	0.	4.E-35	2.E-19	0.	0.
Po218	1.E-20	6.E-10	0.	0.	5.E-21	3.E-10	1.E-21	6.E-11	0.	0.	5.E-27	3.E-16	0.	0.
Pu238	5.E-03	2.E+01	2.E-04	9.E-01	3.E-03	1.E+01	7.E-04	3.E+00	2.E-07	8.E-04	3.E-06	1.E-02	3.E-07	1.E-03
Pu239	1.E+01	2.E+02	4.E+00	6.E+01	3.E+01	4.E+02	8.E+00	1.E+02	1.E-06	1.E-05	1.E-05	2.E-04	2.E-06	3.E-05
Pu240	8.E-01	4.E+01	2.E-01	1.E+01	2.E+00	1.E+02	5.E-01	3.E+01	4.E-07	2.E-05	1.E-05	5.E-04	8.E-07	4.E-05
Pu241	2.E-02	6.E+02	5.E-03	1.E+02	6.E-02	1.E+03	1.E-02	3.E+02	4.E-09	9.E-05	4.E-08	1.E-03	7.E-09	2.E-04
Ra223	5.E-13	5.E-06	0.	0.	7.E-13	8.E-06	3.E-13	3.E-06	0.	0.	2.E-26	2.E-19	0.	0.
Ra225	3.E-15	3.E-08	0.	0.	6.E-15	5.E-08	1.E-15	9.E-09	0.	0.	2.E-16	2.E-09	0.	0.
Ra226	3.E-12	6.E-10	0.	0.	1.E-12	3.E-10	3.E-13	6.E-11	0.	0.	1.E-18	3.E-16	0.	0.
Ru106	4.E-05	1.E+01	0.	0.	3.E-04	1.E+02	5.E-06	2.E+00	0.	0.	0.	0.	0.	0.
Sb126	9.E-07	9.E+00	2.E-07	2.E+00	2.E-06	2.E+01	6.E-07	6.E+00	9.E-07	9.E+00	9.E-07	9.E+00	2.E-06	2.E+01
Sb126m	1.E-09	9.E+00	2.E-10	2.E+00	2.E-09	2.E+01	6.E-10	6.E+00	9.E-10	9.E+00	9.E-10	9.E+00	2.E-09	2.E+01
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	3.E+00	1.E+04	8.E-01	3.E+03	7.E+00	3.E+04	2.E+00	7.E+03	0.	0.	0.	0.	0.	0.
Sn126	3.E+00	9.E+00	7.E-01	2.E+00	6.E+00	2.E+01	2.E+00	6.E+00	0.	0.	0.	0.	0.	0.
Sr90	1.E+02	1.E+06	0.	0.	1.E+02	1.E+06	8.E+01	9.E+05	0.	0.	0.	0.	0.	0.
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	7.E-13	5.E-06	4.E-12	3.E-05	1.E-12	8.E-06	4.E-13	3.E-06	0.	0.	3.E-26	2.E-19	0.	0.
Th229	6.E-10	3.E-08	1.E-09	5.E-08	1.E-09	5.E-08	2.E-10	9.E-09	0.	0.	3.E-11	2.E-09	0.	0.
Th230	4.E-08	2.E-07	2.E-09	9.E-09	2.E-08	1.E-07	5.E-09	2.E-08	0.	0.	2.E-13	1.E-12	0.	0.
Th231	5.E-10	6.E-02	1.E-10	2.E-02	1.E-09	1.E-01	3.E-10	3.E-02	0.	0.	8.E-21	1.E-12	0.	0.
Th234	2.E-07	1.E+00	7.E-08	4.E-01	5.E-07	3.E+00	1.E-07	7.E-01	0.	0.	5.E-19	3.E-12	0.	0.
T1207	1.E-16	5.E-06	0.	0.	2.E-16	8.E-06	8.E-17	3.E-06	0.	0.	6.E-30	2.E-19	0.	0.
U233	6.E-06	1.E-05	2.E-05	5.E-05	1.E-05	3.E-05	2.E-06	5.E-06	5.E-07	1.E-06	6.E-06	1.E-05	8.E-07	2.E-06
U234	1.E-03	2.E-03	6.E-05	9.E-05	7.E-04	1.E-03	2.E-04	2.E-04	1.E-08	1.E-08	9.E-08	1.E-07	1.E-08	2.E-08
U235	1.E+02	6.E-02	3.E+01	2.E-02	3.E+02	1.E-01	7.E+01	3.E-02	1.E-10	7.E-14	2.E-09	1.E-12	3.E-10	2.E-13
U238	2.E+04	1.E+00	5.E+03	4.E-01	3.E+04	3.E+00	9.E+03	7.E-01	5.E-11	4.E-15	3.E-08	3.E-12	2.E-12	2.E-16
Y90	3.E-02	2.E+06	8.E-03	4.E+05	3.E-02	1.E+06	2.E-02	1.E+06	0.	0.	0.	0.	0.	0.
Zr93	2.E+02	5.E+01	6.E+01	1.E+01	6.E+02	1.E+02	1.E+02	3.E+01	0.	0.	0.	0.	0.	0.
Ag	0.	0.	8.E-06	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	3.E+06	0.	3.E+03	0.	9.E+05	0.	3.E+04	0.	1.E+02	0.	7.E+03	0.	6.E+01	0.
Ba	3.E+01	0.	3.E+01	0.	8.E+01	0.	1.E+01	0.	4.E-01	0.	6.E+00	0.	5.E-01	0.
Bi	6.E-13	0.	7.E-13	0.	1.E-12	0.	2.E-13	0.	4.E-14	0.	5.E-13	0.	6.E-14	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK SX-112 MOLES	TANK SX-112 CURIES	TANK SX-113 MOLES	TANK SX-113 CURIES	TANK SX-114 MOLES	TANK SX-114 CURIES	TANK SX-115 MOLES	TANK SX-115 CURIES	TANK SY-101 MOLES	TANK SY-101 CURIES	TANK SY-102 MOLES	TANK SY-102 CURIES	TANK SY-103 MOLES	TANK SY-103 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-03	0.	0.	0.
Ca	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-03	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	9.E+05	0.	2.E+05	0.	1.E+06	0.	4.E+05	0.	0.	0.	0.	0.	0.	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe	7.E+04	0.	1.E+04	0.	1.E+05	0.	2.E+04	0.	0.	0.	1.E+00	0.	0.	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+01	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	8.E+06	0.	2.E+07	0.	4.E+07	0.	2.E+07	0.	0.	0.	8.E+06	0.	0.	0.
Na	8.E+06	0.	2.E+07	0.	4.E+07	0.	2.E+07	0.	0.	0.	8.E+06	0.	0.	0.
Ni	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E+03	0.	0.	0.
OH	1.E+07	0.	6.E+05	0.	8.E+06	0.	1.E+06	0.	4.E+02	0.	3.E+04	0.	2.E+02	0.
PO4	0.	0.	0.	0.	0.	0.	0.	0.	6.E-14	0.	5.E+04	0.	1.E-13	0.
Pb	7.E-11	0.	8.E-10	0.	7.E-10	0.	4.E-11	0.	0.	0.	2.E-02	0.	0.	0.
SiO3	0.	0.	5.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	3.E+01	0.	3.E+01	0.	8.E+01	0.	1.E+01	0.	4.E-01	0.	6.E+00	0.	5.E-01	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	9.E+01	0.	2.E+01	0.	1.E+02	0.	5.E+01	0.	7.E-01	0.	3.E+00	0.	3.E-01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK T-101 MOLES	TANK T-101 CURIES	TANK T-102 MOLES	TANK T-102 CURIES	TANK T-103 MOLES	TANK T-103 CURIES	TANK T-104 MOLES	TANK T-104 CURIES	TANK T-105 MOLES	TANK T-105 CURIES	TANK T-106 MOLES	TANK T-106 CURIES	TANK T-107 MOLES	TANK T-107 CURIES
Ac225	2.E-16	3.E-09	2.E-23	2.E-16	2.E-16	2.E-09	1.E-16	1.E-09	2.E-16	3.E-09	8.E-16	1.E-08	3.E-16	3.E-09
Ac227	1.E-12	2.E-08	2.E-18	4.E-14	2.E-12	4.E-08	1.E-10	2.E-06	1.E-09	2.E-05	2.E-10	3.E-06	2.E-10	3.E-06
Am241	4.E-09	4.E-06	7.E-12	5.E-09	5.E-05	4.E-02	3.E-02	2.E+01	3.E-02	2.E+01	3.E-03	2.E+00	2.E-03	2.E+00
Am242	0.	0.	0.	0.	4.E-14	7.E-06	3.E-12	5.E-04	4.E-11	8.E-03	5.E-12	9.E-04	1.E-13	2.E-05
Am242m	0.	0.	0.	0.	3.E-09	7.E-06	2.E-07	5.E-04	4.E-06	8.E-03	4.E-07	9.E-04	9.E-09	2.E-05
Am243	0.	0.	0.	0.	3.E-07	1.E-05	5.E-05	2.E-03	4.E-05	2.E-03	4.E-06	2.E-04	1.E-06	5.E-05
At217	9.E-24	3.E-09	6.E-31	2.E-16	6.E-24	2.E-09	4.E-24	1.E-09	7.E-24	2.E-09	3.E-23	1.E-08	1.E-23	3.E-09
Ba137m	4.E-07	3.E+04	7.E-09	5.E+02	3.E-08	2.E+03	2.E-07	1.E+04	0.	0.	0.	0.	0.	0.
Bi210	1.E-20	3.E-13	3.E-26	7.E-19	1.E-20	3.E-13	8.E-19	2.E-11	6.E-18	2.E-10	7.E-19	2.E-11	7.E-19	2.E-11
Bi211	2.E-19	2.E-08	5.E-25	4.E-14	4.E-19	4.E-08	2.E-17	2.E-06	2.E-16	2.E-05	3.E-17	3.E-06	4.E-17	3.E-06
Bi213	8.E-19	3.E-09	5.E-26	2.E-16	6.E-19	2.E-09	4.E-19	2.E-09	6.E-19	3.E-09	3.E-18	1.E-08	8.E-19	3.E-09
Bi214	2.E-23	2.E-13	5.E-28	5.E-18	3.E-22	3.E-12	1.E-20	1.E-10	1.E-19	1.E-09	1.E-20	1.E-10	7.E-21	7.E-11
C14	1.E-07	8.E-06	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.E-05	3.E-03
Cm242	0.	0.	0.	0.	7.E-12	6.E-06	6.E-10	4.E-04	9.E-09	7.E-03	1.E-09	8.E-04	2.E-11	2.E-05
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	8.E-20	3.E-09	5.E-27	2.E-16	6.E-20	2.E-09	4.E-20	1.E-09	6.E-20	3.E-09	3.E-19	1.E-08	9.E-20	3.E-09
Fr223	3.E-20	2.E-10	7.E-26	6.E-16	6.E-20	5.E-10	3.E-18	3.E-08	3.E-17	3.E-07	5.E-18	4.E-08	5.E-18	4.E-08
I129	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	6.E-12	2.E-07	2.E-13	6.E-09	2.E-07	6.E-03	7.E-05	2.E+00	3.E-05	8.E-01	3.E-06	7.E-02	6.E-05	2.E+00
Ni63	7.E-02	3.E+02	3.E-03	1.E+01	1.E-01	4.E+02	0.	0.	0.	0.	0.	0.	0.	0.
Np237	3.E-11	5.E-12	7.E-14	1.E-14	9.E-07	1.E-07	8.E-04	1.E-04	7.E-04	1.E-04	6.E-05	9.E-06	1.E-04	2.E-05
Np239	0.	0.	0.	0.	2.E-13	1.E-05	4.E-11	2.E-03	3.E-11	2.E-03	3.E-12	2.E-04	9.E-13	5.E-05
Pa231	2.E-08	2.E-07	2.E-14	2.E-13	2.E-08	2.E-07	5.E-07	6.E-06	5.E-06	6.E-05	1.E-06	1.E-05	8.E-07	9.E-06
Pa233	1.E-18	5.E-12	2.E-21	1.E-14	3.E-14	2.E-07	3.E-11	1.E-04	3.E-11	1.E-04	2.E-12	9.E-06	3.E-12	2.E-05
Pa234m	3.E-13	5.E-02	2.E-19	3.E-08	1.E-13	2.E-02	1.E-12	2.E-01	1.E-11	2.E+00	8.E-12	1.E+00	2.E-12	3.E-01
Pb209	3.E-18	3.E-09	2.E-25	2.E-16	2.E-18	2.E-09	2.E-18	1.E-09	3.E-18	3.E-09	1.E-17	1.E-08	4.E-18	3.E-09
Pb210	2.E-17	3.E-13	4.E-23	6.E-19	2.E-17	3.E-13	1.E-15	2.E-11	1.E-14	2.E-10	1.E-15	2.E-11	1.E-15	2.E-11
Pb211	3.E-18	2.E-08	8.E-24	4.E-14	7.E-18	4.E-08	4.E-16	2.E-06	3.E-15	2.E-05	5.E-16	3.E-06	6.E-16	3.E-06
Pb214	3.E-23	2.E-13	7.E-28	5.E-18	4.E-22	3.E-12	2.E-20	1.E-10	1.E-19	1.E-09	2.E-20	1.E-10	1.E-20	7.E-11
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	3.E-19	3.E-13	6.E-25	6.E-19	3.E-19	3.E-13	2.E-17	2.E-11	2.E-16	2.E-10	2.E-17	2.E-11	2.E-17	2.E-11
Po213	1.E-27	3.E-09	7.E-35	2.E-16	8.E-28	2.E-09	5.E-28	1.E-09	9.E-28	2.E-09	4.E-27	1.E-08	1.E-27	3.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-101 MOLES	TANK T-101 CURIES	TANK T-102 MOLES	TANK T-102 CURIES	TANK T-103 MOLES	TANK T-103 CURIES	TANK T-104 MOLES	TANK T-104 CURIES	TANK T-105 MOLES	TANK T-105 CURIES	TANK T-106 MOLES	TANK T-106 CURIES	TANK T-107 MOLES	TANK T-107 CURIES
Po214	4.E-30	3.E-13	9.E-35	6.E-18	5.E-29	3.E-12	2.E-27	1.E-10	2.E-26	1.E-09	2.E-27	2.E-10	1.E-27	8.E-11
Po215	3.E-24	2.E-08	6.E-30	4.E-14	6.E-24	4.E-08	3.E-22	2.E-06	3.E-21	2.E-05	4.E-22	3.E-06	5.E-22	3.E-06
Po218	4.E-24	2.E-13	8.E-29	5.E-18	4.E-23	3.E-12	2.E-21	1.E-10	2.E-20	1.E-09	2.E-21	1.E-10	1.E-21	7.E-11
Pu238	4.E-06	2.E-02	7.E-08	3.E-04	2.E-05	9.E-02	5.E-04	2.E+00	6.E-03	2.E+01	7.E-04	3.E+00	2.E-05	9.E-02
Pu239	3.E-06	5.E-05	7.E-08	1.E-06	7.E-03	1.E-01	9.E+00	1.E+02	1.E+01	2.E+02	1.E+00	2.E+01	3.E+00	5.E+01
Pu240	1.E-05	7.E-04	4.E-07	2.E-05	3.E-04	2.E-02	4.E-01	2.E+01	5.E-01	3.E+01	6.E-02	3.E+00	6.E-02	4.E+00
Pu241	1.E-08	3.E-04	1.E-10	3.E-06	5.E-06	1.E-01	7.E-03	2.E+02	1.E-02	2.E+02	1.E-03	3.E+01	3.E-04	8.E+00
Ra223	1.E-15	2.E-08	3.E-21	4.E-14	3.E-15	4.E-08	2.E-13	2.E-06	2.E-12	2.E-05	2.E-13	3.E-06	3.E-13	3.E-06
Ra225	4.E-16	3.E-09	2.E-23	2.E-16	3.E-16	2.E-09	2.E-16	1.E-09	3.E-16	3.E-09	1.E-15	1.E-08	4.E-16	3.E-09
Ra226	1.E-15	2.E-13	2.E-20	5.E-18	1.E-14	3.E-12	5.E-13	1.E-10	4.E-12	1.E-09	6.E-13	1.E-10	3.E-13	7.E-11
Ru106	0.	0.	0.	0.	0.	0.	4.E-09	1.E-03	6.E-09	2.E-03	4.E-11	1.E-05	2.E-11	6.E-06
Sb126	4.E-15	4.E-08	3.E-16	3.E-09	2.E-10	2.E-03	4.E-08	4.E-01	2.E-08	2.E-01	2.E-09	2.E-02	3.E-08	3.E-01
Sb126m	4.E-18	4.E-08	3.E-19	3.E-09	2.E-13	2.E-03	4.E-11	4.E-01	2.E-11	2.E-01	2.E-12	2.E-02	3.E-11	3.E-01
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	2.E-08	7.E-05	0.	0.	1.E-03	4.E+00	2.E-01	6.E+02	9.E-02	3.E+02	1.E-02	4.E+01	2.E-01	1.E+03
Sn126	1.E-08	4.E-08	9.E-10	3.E-09	5.E-04	2.E-03	1.E-01	4.E-01	5.E-02	2.E-01	6.E-03	2.E-02	9.E-02	3.E-01
Sr90	0.	0.	0.	0.	2.E+00	3.E+04	4.E+00	4.E+04	5.E-01	6.E+03	0.	0.	4.E+00	4.E+04
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	3.E-12	2.E-05	5.E-14	4.E-07	2.E-13	2.E-06	1.E-12	9.E-08	2.E-12	2.E-05	4.E-13	3.E-06	4.E-13	3.E-06
Th229	7.E-11	4.E-09	1.E-12	5.E-11	5.E-11	2.E-09	4.E-11	2.E-09	5.E-11	3.E-09	2.E-10	1.E-08	7.E-11	3.E-09
Th230	4.E-11	2.E-10	3.E-12	1.E-11	2.E-10	9.E-10	7.E-09	3.E-08	6.E-08	3.E-07	9.E-09	4.E-08	2.E-09	1.E-08
Th231	2.E-11	2.E-03	2.E-12	2.E-04	7.E-12	8.E-04	3.E-10	4.E-02	8.E-10	1.E-01	4.E-10	5.E-02	1.E-10	1.E-02
Th234	9.E-09	5.E-02	1.E-09	5.E-03	3.E-09	2.E-02	2.E-07	9.E-01	4.E-07	2.E+00	2.E-07	1.E+00	6.E-08	3.E-01
Tl207	4.E-19	2.E-08	1.E-24	4.E-14	9.E-19	4.E-08	5.E-17	2.E-06	4.E-16	2.E-05	7.E-17	3.E-06	8.E-17	3.E-06
U233	2.E-06	5.E-06	5.E-08	1.E-07	1.E-06	3.E-06	3.E-08	6.E-08	6.E-07	1.E-06	3.E-06	6.E-06	6.E-07	1.E-06
U234	2.E-06	3.E-06	2.E-07	3.E-07	5.E-06	8.E-06	1.E-04	2.E-04	1.E-03	2.E-03	2.E-04	3.E-04	3.E-05	4.E-05
U235	4.E+00	2.E-03	5.E-01	2.E-04	2.E+00	8.E-04	2.E+01	9.E-03	2.E+02	1.E-01	1.E+02	5.E-02	3.E+01	1.E-02
U238	6.E+02	5.E-02	7.E+01	5.E-03	2.E+02	2.E-02	3.E+03	2.E-01	3.E+04	2.E+00	2.E+04	1.E+00	4.E+03	3.E-01
Y90	6.E-05	3.E+03	2.E-07	1.E+01	5.E-04	3.E+04	1.E-03	5.E+04	1.E-04	6.E+03	0.	0.	9.E-04	4.E+04
Zr93	1.E-06	3.E-07	6.E-08	1.E-08	5.E-02	1.E-02	1.E+01	2.E+00	5.E+00	1.E+00	5.E-01	1.E-01	9.E+00	2.E+00
Ag	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	2.E+04	0.	2.E+03	0.	1.E+06	0.	1.E+03	0.	2.E+05	0.	1.E+04	0.	8.E+02	0.
Ba	3.E+00	0.	2.E-02	0.	7.E-01	0.	1.E+00	0.	1.E+00	0.	4.E+00	0.	3.E+00	0.
Bi	4.E-14	0.	3.E-21	0.	2.E-14	0.	2.E+05	0.	2.E+06	0.	3.E+05	0.	7.E+04	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-101 MOLES	TANK T-101 CURIES	TANK T-102 MOLES	TANK T-102 CURIES	TANK T-103 MOLES	TANK T-103 CURIES	TANK T-104 MOLES	TANK T-104 CURIES	TANK T-105 MOLES	TANK T-105 CURIES	TANK T-106 MOLES	TANK T-106 CURIES	TANK T-107 MOLES	TANK T-107 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	4.E-03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+03	0.
Ca	4.E-03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	1.E-13	0.	5.E-14	0.	0.	0.	2.E+04	0.	7.E+03	0.	7.E+02	0.	1.E+04	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	8.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.E+05	0.	0.	0.
Fe	1.E-09	0.	9.E-11	0.	6.E-05	0.	3.E+05	0.	1.E+05	0.	1.E+04	0.	2.E+05	0.
Fe(CN)6	9.E+01	0.	1.E+01	0.	1.E-01	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	1.E-10	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+06	0.	2.E-07	0.
Na	2.E+05	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+06	0.	8.E+03	0.
Ni	6.E+02	0.	2.E+01	0.	2.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.
OH	5.E+04	0.	6.E+03	0.	3.E+06	0.	1.E+06	0.	9.E+05	0.	1.E+05	0.	6.E+05	0.
PO4	3.E+04	0.	0.	0.	0.	0.	2.E+05	0.	2.E+06	0.	1.E+06	0.	7.E+04	0.
Pb	5.E-03	0.	5.E-19	0.	7.E-12	0.	4.E-11	0.	3.E-10	0.	3.E-11	0.	7.E-11	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	3.E+00	0.	2.E-02	0.	7.E-01	0.	1.E+00	0.	1.E+00	0.	4.E+00	0.	3.E+00	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	5.E-01	0.	2.E-03	0.	1.E+00	0.	5.E+04	0.	5.E+03	0.	6.E+02	0.	2.E+04	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK T-108 MOLES	TANK T-108 CURIES	TANK T-109 MOLES	TANK T-109 CURIES	TANK T-110 MOLES	TANK T-110 CURIES	TANK T-111 MOLES	TANK T-111 CURIES	TANK T-112 MOLES	TANK T-112 CURIES	TANK T-201 MOLES	TANK T-201 CURIES	TANK T-202 MOLES	TANK T-202 CURIES
Ac225	5.E-16	6.E-09	4.E-16	6.E-09	1.E-18	2.E-11	3.E-18	4.E-11	4.E-18	6.E-11	0.	0.	7.E-22	9.E-15
Ac227•	7.E-11	1.E-06	2.E-11	3.E-07	2.E-10	3.E-06	4.E-10	6.E-06	1.E-09	2.E-05	0.	0.	4.E-17	6.E-13
Am241•	2.E-04	2.E-01	3.E-05	2.E-02	9.E-03	7.E+00	2.E-02	2.E+01	4.E-02	3.E+01	0.	0.	6.E-05	5.E-02
Am242•	1.E-14	2.E-06	1.E-15	3.E-07	4.E-14	8.E-06	1.E-11	2.E-03	2.E-12	3.E-04	0.	0.	0.	0.
Am242m•	9.E-10	2.E-06	1.E-10	3.E-07	4.E-09	8.E-06	9.E-07	2.E-03	1.E-07	3.E-04	0.	0.	0.	0.
Am243•	1.E-07	5.E-06	1.E-08	6.E-07	5.E-07	2.E-05	3.E-06	1.E-04	1.E-05	5.E-04	0.	0.	0.	0.
At217	2.E-23	6.E-09	2.E-23	6.E-09	5.E-26	2.E-11	1.E-25	4.E-11	2.E-25	6.E-11	0.	0.	2.E-29	8.E-15
Ba137m	2.E-08	1.E+03	8.E-08	6.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Bi210•	2.E-19	4.E-12	6.E-20	2.E-12	4.E-19	1.E-11	6.E-19	1.E-11	4.E-18	9.E-11	0.	0.	8.E-22	2.E-14
Bi211	1.E-17	1.E-06	3.E-18	3.E-07	3.E-17	3.E-06	7.E-17	6.E-06	2.E-16	2.E-05	0.	0.	7.E-24	6.E-13
Bi213	2.E-18	6.E-09	1.E-18	6.E-09	4.E-21	2.E-11	1.E-20	4.E-11	1.E-20	6.E-11	0.	0.	2.E-24	9.E-15
Bi214	2.E-21	2.E-11	6.E-22	6.E-12	5.E-21	4.E-11	8.E-21	7.E-11	5.E-20	5.E-10	0.	0.	1.E-23	1.E-13
C14 •	0.	0.	2.E-07	1.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm242•	2.E-12	2.E-06	3.E-13	2.E-07	8.E-12	7.E-06	2.E-09	2.E-03	4.E-10	3.E-04	0.	0.	0.	0.
Cm244•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	2.E-19	6.E-09	2.E-19	6.E-09	4.E-22	2.E-11	1.E-21	4.E-11	1.E-21	6.E-11	0.	0.	2.E-25	9.E-15
Fr223	2.E-18	2.E-08	4.E-19	4.E-09	4.E-18	4.E-08	1.E-17	9.E-08	3.E-17	3.E-07	0.	0.	1.E-24	9.E-15
I129•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m•	6.E-06	2.E-01	7.E-07	2.E-02	9.E-06	2.E-01	8.E-06	2.E-01	1.E-05	3.E-01	0.	0.	0.	0.
Ni63•	0.	0.	0.	0.	0.	0.	2.E-04	8.E-01	2.E-03	9.E+00	0.	0.	0.	0.
Np237•	1.E-05	2.E-06	1.E-06	2.E-07	3.E-04	5.E-05	5.E-04	9.E-05	1.E-03	2.E-04	0.	0.	2.E-06	3.E-07
Np239•	9.E-14	5.E-06	1.E-14	6.E-07	4.E-13	2.E-05	2.E-12	1.E-04	8.E-12	5.E-04	0.	0.	0.	0.
Pa231•	3.E-07	3.E-06	7.E-08	8.E-07	6.E-07	7.E-06	2.E-06	2.E-05	5.E-06	5.E-05	0.	0.	2.E-13	2.E-12
Pa233•	3.E-13	2.E-06	4.E-14	2.E-07	1.E-11	5.E-05	2.E-11	9.E-05	3.E-11	2.E-04	0.	0.	5.E-14	3.E-07
Pa234m	7.E-13	1.E-01	2.E-13	4.E-02	1.E-12	2.E-01	4.E-12	6.E-01	1.E-11	2.E+00	0.	0.	0.	0.
Pb209	6.E-18	6.E-09	6.E-18	6.E-09	2.E-20	2.E-11	5.E-20	4.E-11	6.E-20	6.E-11	0.	0.	9.E-24	9.E-15
Pb210•	2.E-16	4.E-12	9.E-17	1.E-12	6.E-16	9.E-12	9.E-16	1.E-11	5.E-15	9.E-11	0.	0.	1.E-18	2.E-14
Pb211	2.E-16	1.E-06	5.E-17	3.E-07	5.E-16	3.E-06	1.E-15	6.E-06	4.E-15	2.E-05	0.	0.	1.E-22	6.E-13
Pb214	2.E-21	2.E-11	8.E-22	6.E-12	6.E-21	5.E-11	1.E-20	7.E-11	7.E-20	5.E-10	0.	0.	2.E-23	1.E-13
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210•	4.E-18	4.E-12	2.E-18	1.E-12	9.E-18	9.E-12	1.E-17	1.E-11	9.E-17	8.E-11	0.	0.	2.E-20	2.E-14
Po213	2.E-27	6.E-09	2.E-27	6.E-09	6.E-30	2.E-11	2.E-29	4.E-11	2.E-29	5.E-11	0.	0.	3.E-33	8.E-15

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-108 MOLES	TANK T-108 CURIES	TANK T-109 MOLES	TANK T-109 CURIES	TANK T-110 MOLES	TANK T-110 CURIES	TANK T-111 MOLES	TANK T-111 CURIES	TANK T-112 MOLES	TANK T-112 CURIES	TANK T-201 MOLES	TANK T-201 CURIES	TANK T-202 MOLES	TANK T-202 CURIES
Po214	3.E-28	2.E-11	1.E-28	7.E-12	8.E-28	6.E-11	1.E-27	9.E-11	9.E-27	6.E-10	0.	0.	2.E-30	1.E-13
Po215	2.E-22	1.E-06	4.E-23	3.E-07	4.E-22	3.E-06	1.E-21	6.E-06	3.E-21	2.E-05	0.	0.	1.E-28	6.E-13
Po218	2.E-22	2.E-11	9.E-23	6.E-12	7.E-22	5.E-11	1.E-21	7.E-11	8.E-21	5.E-10	0.	0.	2.E-24	1.E-13
Pu238	2.E-06	8.E-03	4.E-07	2.E-03	1.E-04	4.E-01	2.E-04	7.E-01	3.E-03	1.E+01	0.	0.	5.E-07	2.E-03
Pu239	3.E-01	5.E+00	3.E-02	5.E-01	1.E+01	2.E+02	8.E+00	1.E+02	1.E+01	2.E+02	0.	0.	2.E-02	3.E-01
Pu240	6.E-03	4.E-01	7.E-04	4.E-02	3.E-01	2.E+01	4.E-01	2.E+01	7.E-01	4.E+01	0.	0.	1.E-03	6.E-02
Pu241	3.E-05	8.E-01	3.E-06	9.E-02	3.E-03	6.E+01	6.E-03	2.E+02	1.E-02	4.E+02	0.	0.	2.E-05	5.E-01
Ra223	9.E-14	1.E-06	2.E-14	3.E-07	2.E-13	3.E-06	6.E-13	6.E-06	2.E-12	2.E-05	0.	0.	5.E-20	6.E-13
Ra225	7.E-16	6.E-09	7.E-16	6.E-09	2.E-18	2.E-11	5.E-18	4.E-11	6.E-18	6.E-11	0.	0.	1.E-21	9.E-15
Ra226	7.E-14	2.E-11	3.E-14	6.E-12	2.E-13	5.E-11	3.E-13	7.E-11	2.E-12	5.E-10	0.	0.	5.E-16	1.E-13
Ru106	1.E-12	5.E-07	1.E-12	3.E-07	3.E-11	1.E-05	1.E-10	4.E-05	9.E-10	3.E-04	0.	0.	0.	0.
Sb126	3.E-09	3.E-02	3.E-10	3.E-03	4.E-09	4.E-02	4.E-09	4.E-02	5.E-09	6.E-02	0.	0.	0.	0.
Sb126m	3.E-12	3.E-02	4.E-13	3.E-03	4.E-12	4.E-02	4.E-12	4.E-02	6.E-12	6.E-02	0.	0.	0.	0.
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	2.E-02	1.E+02	3.E-03	1.E+01	3.E-02	1.E+02	2.E-02	6.E+01	2.E-02	8.E+01	0.	0.	0.	0.
Sn126	9.E-03	3.E-02	1.E-03	3.E-03	1.E-02	4.E-02	1.E-02	4.E-02	2.E-02	6.E-02	0.	0.	0.	0.
Sr90	4.E-01	4.E+03	0.	0.	4.E-01	4.E+03	3.E-01	4.E+03	5.E-01	6.E+03	0.	0.	0.	0.
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	2.E-13	1.E-06	1.E-12	8.E-06	4.E-13	3.E-06	9.E-13	6.E-06	3.E-12	2.E-05	0.	0.	8.E-20	6.E-13
Th229	1.E-10	6.E-09	1.E-10	6.E-09	3.E-13	2.E-11	9.E-13	4.E-11	1.E-12	6.E-11	0.	0.	2.E-16	9.E-15
Th230	5.E-10	2.E-09	2.E-10	8.E-10	2.E-09	1.E-08	4.E-09	2.E-08	3.E-08	1.E-07	0.	0.	6.E-12	3.E-11
Th231	5.E-11	6.E-03	1.E-11	2.E-03	8.E-11	1.E-02	2.E-10	3.E-02	7.E-10	9.E-02	0.	0.	6.E-17	8.E-09
Th234	2.E-08	1.E-01	7.E-09	4.E-02	4.E-08	2.E-01	1.E-07	6.E-01	4.E-07	2.E+00	0.	0.	0.	0.
Tl207	3.E-17	1.E-06	7.E-18	3.E-07	7.E-17	3.E-06	2.E-16	6.E-06	5.E-16	2.E-05	0.	0.	2.E-23	6.E-13
U233	2.E-06	4.E-06	2.E-06	4.E-06	3.E-09	7.E-09	8.E-09	2.E-08	1.E-08	3.E-08	0.	0.	5.E-12	1.E-11
U234	9.E-06	1.E-05	3.E-06	4.E-06	5.E-05	7.E-05	8.E-05	1.E-04	7.E-04	1.E-03	0.	0.	1.E-07	2.E-07
U235	1.E+01	5.E-03	3.E+00	2.E-03	2.E+01	1.E-02	5.E+01	3.E-02	2.E+02	9.E-02	0.	0.	2.E-05	8.E-09
U238	2.E+03	1.E-01	5.E+02	4.E-02	3.E+03	2.E-01	8.E+03	6.E-01	3.E+04	2.E+00	0.	0.	0.	0.
Y90	9.E-05	4.E+03	0.	0.	9.E-05	5.E+03	8.E-05	4.E+03	1.E-04	6.E+03	0.	0.	0.	0.
Zr93	9.E-01	2.E-01	1.E-01	2.E-02	1.E+00	3.E-01	1.E+00	3.E-01	1.E+00	3.E-01	0.	0.	0.	0.
Ag	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	6.E+02	0.	3.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ba	3.E+00	0.	2.E+00	0.	2.E-03	0.	0.	0.	6.E-03	0.	0.	0.	0.	0.
Bi	7.E+03	0.	8.E+02	0.	1.E+07	0.	1.E+07	0.	1.E+07	0.	0.	0.	3.E+02	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-108 MOLES	TANK T-108 CURIES	TANK T-109 MOLES	TANK T-109 CURIES	TANK T-110 MOLES	TANK T-110 CURIES	TANK T-111 MOLES	TANK T-111 CURIES	TANK T-112 MOLES	TANK T-112 CURIES	TANK T-201 MOLES	TANK T-201 CURIES	TANK T-202 MOLES	TANK T-202 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	0.	0.	4.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ca	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	1.E+03	0.	1.E+02	0.	2.E+04	0.	3.E+04	0.	3.E+04	0.	0.	0.	2.E+02	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	8.E+03	0.	3.E+03	0.	3.E+03	0.	0.	0.	7.E-06	0.
Fe	2.E+04	0.	2.E+03	0.	4.E+05	0.	4.E+05	0.	5.E+05	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	8.E+03	0.	8.E+02	0.	0.	0.	1.E+02	0.
Mn	0.	0.	0.	0.	0.	0.	2.E+04	0.	2.E+03	0.	0.	0.	3.E+02	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	0.	0.	3.E-10	0.	3.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.
Na	3.E+05	0.	5.E+01	0.	8.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ni	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OH	6.E+04	0.	8.E+03	0.	1.E+06	0.	2.E+06	0.	2.E+06	0.	0.	0.	2.E+03	0.
PO4	1.E+05	0.	6.E+02	0.	1.E+07	0.	1.E+07	0.	1.E+07	0.	0.	0.	1.E-06	0.
Pb	3.E-11	0.	2.E-11	0.	6.E-11	0.	1.E-10	0.	4.E-10	0.	0.	0.	9.E-18	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	3.E+00	0.	2.E+00	0.	2.E-03	0.	0.	0.	6.E-03	0.	0.	0.	0.	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	2.E+03	0.	3.E+02	0.	4.E-01	0.	3.E-01	0.	4.E-01	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK T-203 MOLES	TANK T-203 CURIES	TANK T-204 MOLES	TANK T-204 CURIES	TANK TX-101 MOLES	TANK TX-101 CURIES	TANK TX-102 MOLES	TANK TX-102 CURIES	TANK TX-103 MOLES	TANK TX-103 CURIES	TANK TX-104 MOLES	TANK TX-104 CURIES	TANK TX-105 MOLES	TANK TX-105 CURIES
Ac225	7.E-21	9.E-14	0.	0.	1.E-15	2.E-08	2.E-15	3.E-08	7.E-16	9.E-09	1.E-15	2.E-08	4.E-15	5.E-08
Ac227	4.E-16	6.E-12	0.	0.	1.E-17	2.E-13	1.E-18	2.E-14	1.E-17	2.E-13	2.E-14	4.E-10	6.E-19	1.E-14
Am241	6.E-04	5.E-01	0.	0.	1.E-06	1.E-03	1.E-07	9.E-05	1.E-11	9.E-09	8.E-09	6.E-06	8.E-12	6.E-09
Am242	0.	0.	0.	0.	6.E-15	1.E-06	5.E-16	1.E-07	0.	0.	0.	0.	0.	0.
Am242m	0.	0.	0.	0.	5.E-10	1.E-06	4.E-11	1.E-07	0.	0.	0.	0.	0.	0.
Am243	0.	0.	0.	0.	8.E-09	4.E-07	6.E-10	3.E-08	0.	0.	0.	0.	0.	0.
At217	2.E-28	8.E-14	0.	0.	4.E-23	2.E-08	9.E-23	3.E-08	3.E-23	9.E-09	5.E-23	2.E-08	2.E-22	5.E-08
Ba137m	0.	0.	0.	0.	0.	0.	0.	0.	3.E-08	2.E+03	0.	0.	3.E-07	2.E+04
Bi210	8.E-21	2.E-13	0.	0.	1.E-20	3.E-13	5.E-24	1.E-16	6.E-23	2.E-15	1.E-22	3.E-15	3.E-21	8.E-14
Bi211	7.E-23	6.E-12	0.	0.	2.E-24	2.E-13	2.E-25	2.E-14	5.E-21	5.E-10	4.E-21	4.E-10	4.E-17	4.E-06
Bi213	2.E-23	9.E-14	0.	0.	4.E-18	2.E-08	8.E-18	3.E-08	2.E-18	1.E-08	5.E-18	2.E-08	1.E-17	6.E-08
Bi214	1.E-22	1.E-12	0.	0.	2.E-25	2.E-15	1.E-25	1.E-15	1.E-24	1.E-14	3.E-24	3.E-14	3.E-23	3.E-13
C14	0.	0.	0.	0.	3.E-01	2.E+01	0.	0.	0.	0.	0.	0.	0.	0.
Cm242	0.	0.	0.	0.	1.E-12	1.E-06	1.E-13	9.E-08	0.	0.	0.	0.	0.	0.
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	2.E-24	9.E-14	0.	0.	4.E-19	2.E-08	8.E-19	3.E-08	2.E-19	9.E-09	5.E-19	2.E-08	1.E-18	5.E-08
Fr223	1.E-23	9.E-14	0.	0.	3.E-25	3.E-15	3.E-26	2.E-16	4.E-25	3.E-15	6.E-22	6.E-12	2.E-26	1.E-16
I129	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	0.	0.	0.	0.	1.E-12	3.E-08	1.E-13	3.E-09	2.E-13	6.E-09	2.E-09	4.E-05	2.E-14	5.E-10
Ni63	0.	0.	0.	0.	3.E-02	1.E+02	0.	0.	3.E-02	1.E+02	0.	0.	2.E-05	7.E-02
Np237	2.E-05	3.E-06	0.	0.	3.E-08	5.E-09	2.E-09	3.E-10	3.E-14	4.E-15	1.E-10	2.E-11	8.E-14	1.E-14
Np239	0.	0.	0.	0.	7.E-15	4.E-07	5.E-16	3.E-08	0.	0.	0.	0.	0.	0.
Pa231	2.E-12	2.E-11	0.	0.	7.E-14	7.E-13	1.E-14	1.E-13	1.E-13	2.E-12	2.E-10	2.E-09	4.E-15	4.E-14
Pa233	5.E-13	3.E-06	0.	0.	1.E-15	5.E-09	6.E-17	3.E-10	9.E-22	4.E-15	4.E-18	2.E-11	3.E-21	1.E-14
Pa234m	0.	0.	0.	0.	5.E-19	8.E-08	6.E-20	1.E-08	1.E-18	2.E-07	9.E-16	1.E-04	1.E-24	2.E-13
Pb209	9.E-23	9.E-14	0.	0.	2.E-17	2.E-08	3.E-17	3.E-08	1.E-17	9.E-09	2.E-17	2.E-08	6.E-17	5.E-08
Pb210	1.E-17	2.E-13	0.	0.	2.E-17	3.E-13	8.E-21	1.E-16	9.E-20	1.E-15	2.E-19	3.E-15	4.E-20	6.E-16
Pb211	1.E-21	6.E-12	0.	0.	3.E-23	2.E-13	3.E-24	2.E-14	9.E-20	5.E-10	7.E-20	4.E-10	2.E-24	1.E-14
Pb214	2.E-22	1.E-12	0.	0.	3.E-25	2.E-15	2.E-25	1.E-15	2.E-24	1.E-14	4.E-24	3.E-14	8.E-25	5.E-15
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	2.E-19	2.E-13	0.	0.	3.E-19	3.E-13	1.E-22	1.E-16	1.E-21	1.E-15	3.E-21	3.E-15	6.E-22	6.E-16
Po213	3.E-32	8.E-14	0.	0.	6.E-27	2.E-08	1.E-26	3.E-08	3.E-27	9.E-09	7.E-27	2.E-08	2.E-26	5.E-08

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-203 MOLES	TANK T-203 CURIES	TANK T-204 MOLES	TANK T-204 CURIES	TANK TX-101 MOLES	TANK TX-101 CURIES	TANK TX-102 MOLES	TANK TX-102 CURIES	TANK TX-103 MOLES	TANK TX-103 CURIES	TANK TX-104 MOLES	TANK TX-104 CURIES	TANK TX-105 MOLES	TANK TX-105 CURIES
Po214	2.E-29	1.E-12	0.	0.	3.E-32	2.E-15	2.E-32	2.E-15	2.E-31	2.E-14	5.E-31	3.E-14	1.E-31	7.E-15
Po215	1.E-27	6.E-12	0.	0.	3.E-29	2.E-13	3.E-30	2.E-14	8.E-26	5.E-10	6.E-26	4.E-10	2.E-30	1.E-14
Po218	2.E-23	1.E-12	0.	0.	3.E-26	2.E-15	2.E-26	1.E-15	2.E-25	1.E-14	4.E-25	3.E-14	9.E-26	5.E-15
Pu238•	5.E-06	2.E-02	0.	0.	9.E-08	4.E-04	4.E-08	2.E-04	1.E-07	5.E-04	7.E-07	3.E-03	1.E-07	4.E-04
Pu239•	2.E-01	3.E+00	0.	0.	2.E-06	3.E-05	5.E-09	8.E-08	4.E-08	6.E-07	2.E-05	3.E-04	1.E-06	2.E-05
Pu240•	1.E-02	6.E-01	0.	0.	1.E-05	5.E-04	2.E-06	9.E-05	5.E-08	3.E-06	3.E-06	1.E-04	2.E-06	1.E-04
Pu241•	2.E-04	5.E+00	0.	0.	9.E-09	2.E-04	2.E-11	6.E-07	1.E-10	3.E-06	8.E-09	2.E-04	1.E-08	2.E-04
Ra223•	5.E-19	6.E-12	0.	0.	2.E-20	2.E-13	1.E-21	2.E-14	4.E-17	5.E-10	3.E-17	4.E-10	9.E-22	1.E-14
Ra225	1.E-20	9.E-14	0.	0.	2.E-15	2.E-08	4.E-15	3.E-08	1.E-15	9.E-09	2.E-15	2.E-08	6.E-15	5.E-08
Ra226•	5.E-15	1.E-12	0.	0.	8.E-18	2.E-15	6.E-18	1.E-15	6.E-17	1.E-14	1.E-16	3.E-14	2.E-17	5.E-15
Ru106•	0.	0.	0.	0.	5.E-09	2.E-03	0.	0.	0.	0.	0.	0.	4.E-10	1.E-04
Sb126	0.	0.	0.	0.	6.E-16	7.E-09	8.E-17	8.E-10	3.E-16	3.E-09	1.E-12	1.E-05	2.E-17	2.E-10
Sb126m	0.	0.	0.	0.	7.E-19	7.E-09	8.E-20	8.E-10	3.E-19	3.E-09	1.E-15	1.E-05	2.E-20	2.E-10
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151•	0.	0.	0.	0.	8.E-08	3.E-04	0.	0.	0.	0.	6.E-06	2.E-02	0.	0.
Sn126	0.	0.	0.	0.	2.E-09	7.E-09	2.E-10	8.E-10	9.E-10	3.E-09	4.E-06	1.E-05	5.E-11	2.E-10
Sr90•	0.	0.	0.	0.	9.E-01	1.E+04	0.	0.	0.	0.	0.	0.	0.	0.
Tc99•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227•	8.E-19	6.E-12	0.	0.	2.E-20	2.E-13	3.E-13	2.E-06	6.E-13	4.E-06	5.E-17	4.E-10	3.E-12	2.E-05
Th229	2.E-15	9.E-14	0.	0.	3.E-10	2.E-08	6.E-10	3.E-08	2.E-10	9.E-09	4.E-10	2.E-08	1.E-09	6.E-08
Th230•	6.E-11	3.E-10	0.	0.	2.E-13	9.E-13	1.E-13	6.E-13	1.E-12	5.E-12	2.E-12	1.E-11	6.E-13	3.E-12
Th231•	6.E-16	8.E-08	0.	0.	2.E-17	2.E-09	4.E-18	5.E-10	6.E-17	8.E-09	5.E-14	6.E-06	9.E-19	1.E-10
Th234•	0.	0.	0.	0.	1.E-14	8.E-08	2.E-15	1.E-08	3.E-14	2.E-07	3.E-11	1.E-04	2.E-19	1.E-12
Tl207	2.E-22	6.E-12	0.	0.	5.E-24	2.E-13	4.E-25	2.E-14	1.E-20	5.E-10	1.E-20	4.E-10	3.E-25	1.E-14
U233•	5.E-11	1.E-10	0.	0.	6.E-06	1.E-05	1.E-05	2.E-05	3.E-06	6.E-06	8.E-06	2.E-05	2.E-05	5.E-05
U234•	1.E-06	2.E-06	0.	0.	9.E-09	1.E-08	5.E-09	7.E-09	3.E-08	4.E-08	1.E-07	1.E-07	2.E-08	4.E-08
U235•	2.E-04	8.E-08	0.	0.	4.E-06	2.E-09	1.E-06	5.E-10	2.E-05	8.E-09	1.E-02	6.E-06	2.E-07	1.E-10
U238•	0.	0.	0.	0.	1.E-03	8.E-08	1.E-04	1.E-08	2.E-03	2.E-07	2.E+00	1.E-04	2.E-08	1.E-12
Y90•	0.	0.	0.	0.	2.E-04	1.E+04	0.	0.	6.E-06	3.E+02	0.	0.	5.E-05	2.E+03
Zr93•	0.	0.	0.	0.	2.E-07	6.E-08	3.E-08	7.E-09	6.E-08	1.E-08	3.E-04	8.E-05	3.E-09	8.E-10
Ag•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	0.	0.	0.	0.	1.E+06	0.	2.E+02	0.	3.E+02	0.	9.E+02	0.	1.E+06	0.
Ba•	0.	0.	0.	0.	2.E+01	0.	2.E+01	0.	4.E+00	0.	8.E+00	0.	3.E+01	0.
Bi	3.E+03	0.	0.	0.	3.E-13	0.	4.E-13	0.	1.E-13	0.	2.E-13	0.	7.E-13	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK T-203 MOLES	TANK T-203 CURIES	TANK T-204 MOLES	TANK T-204 CURIES	TANK TX-101 MOLES	TANK TX-101 CURIES	TANK TX-102 MOLES	TANK TX-102 CURIES	TANK TX-103 MOLES	TANK TX-103 CURIES	TANK TX-104 MOLES	TANK TX-104 CURIES	TANK TX-105 MOLES	TANK TX-105 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	0.	0.	0.	0.	6.E-02	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ca	0.	0.	0.	0.	3.E-01	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	2.E+03	0.	0.	0.	3.E-07	0.	7.E-14	0.	0.	0.	0.	0.	0.	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	5.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe	0.	0.	0.	0.	1.E+00	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	0.	0.	2.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	1.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	3.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	0.	0.	0.	0.	2.E+07	0.	1.E+06	0.	0.	0.	0.	0.	2.E+06	0.
Na	0.	0.	0.	0.	2.E+07	0.	1.E+06	0.	0.	0.	0.	0.	2.E+06	0.
Ni	0.	0.	0.	0.	8.E+02	0.	0.	0.	4.E+01	0.	0.	0.	1.E+02	0.
OH	2.E+04	0.	0.	0.	4.E+06	0.	5.E+02	0.	1.E+03	0.	3.E+03	0.	4.E+06	0.
PO4	3.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-15	0.
Pb	9.E-17	0.	0.	0.	1.E+04	0.	6.E-12	0.	2.E-11	0.	3.E-11	0.	7.E-12	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	0.	0.	0.	0.	1.E+04	0.	2.E+01	0.	4.E+00	0.	8.E+00	0.	3.E+01	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	0.	0.	0.	0.	6.E-01	0.	4.E-03	0.	1.E+00	0.	2.E-01	0.	9.E-02	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK TX-106 MOLES	TANK TX-106 CURIES	TANK TX-107 MOLES	TANK TX-107 CURIES	TANK TX-108 MOLES	TANK TX-108 CURIES	TANK TX-109 MOLES	TANK TX-109 CURIES	TANK TX-110 MOLES	TANK TX-110 CURIES	TANK TX-111 MOLES	TANK TX-111 CURIES	TANK TX-112 MOLES	TANK TX-112 CURIES
Ac225	6.E-17	8.E-10	5.E-23	6.E-16	6.E-16	8.E-09	8.E-16	1.E-08	9.E-16	1.E-08	6.E-16	8.E-09	9.E-19	1.E-11
Ac227*	3.E-17	5.E-13	1.E-17	2.E-13	3.E-11	5.E-07	6.E-10	1.E-05	2.E-10	3.E-06	6.E-11	1.E-06	2.E-11	3.E-07
Am241*	8.E-13	7.E-10	5.E-11	4.E-08	1.E-03	1.E+00	3.E-02	3.E+01	2.E-03	2.E+00	2.E-04	2.E-01	7.E-06	5.E-03
Am242*	0.	0.	0.	0.	2.E-13	3.E-05	3.E-12	7.E-04	2.E-13	4.E-05	2.E-14	4.E-06	4.E-16	8.E-08
Am242m*	0.	0.	0.	0.	1.E-08	3.E-05	3.E-07	7.E-04	2.E-08	4.E-05	2.E-09	4.E-06	3.E-11	8.E-08
Am243*	0.	0.	0.	0.	1.E-05	6.E-04	5.E-05	3.E-03	3.E-06	1.E-04	3.E-07	1.E-05	4.E-09	2.E-07
At217	2.E-24	7.E-10	2.E-30	6.E-16	2.E-23	8.E-09	3.E-23	1.E-08	3.E-23	1.E-08	2.E-23	8.E-09	3.E-26	1.E-11
Ba137m	5.E-07	4.E+04	0.	0.	2.E-06	1.E+05	1.E-05	1.E+06	6.E-06	4.E+05	1.E-06	1.E+05	1.E-06	8.E+04
Bi210*	1.E-24	3.E-17	2.E-26	6.E-19	5.E-20	1.E-12	2.E-18	6.E-11	4.E-19	1.E-11	7.E-20	2.E-12	1.E-19	3.E-12
Bi211	6.E-24	5.E-13	2.E-24	2.E-13	5.E-18	5.E-07	4.E-15	3.E-04	1.E-15	1.E-04	1.E-17	1.E-08	9.E-16	8.E-05
Bi213	2.E-19	8.E-10	2.E-25	6.E-16	2.E-18	8.E-09	6.E-18	3.E-08	3.E-18	1.E-08	2.E-18	8.E-09	3.E-18	1.E-08
Bi214	2.E-26	2.E-16	7.E-28	7.E-18	9.E-22	8.E-12	4.E-20	3.E-10	6.E-21	6.E-11	1.E-21	1.E-11	7.E-22	7.E-12
C14 *	0.	0.	0.	0.	2.E-03	1.E-01	2.E-04	1.E-02	2.E-03	1.E-01	2.E-04	1.E-02	0.	0.
Cm242*	0.	0.	0.	0.	3.E-11	3.E-05	7.E-10	5.E-04	4.E-11	3.E-05	4.E-12	3.E-06	8.E-14	6.E-08
Cm244*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	2.E-20	8.E-10	2.E-26	6.E-16	2.E-19	8.E-09	3.E-19	1.E-08	3.E-19	1.E-08	2.E-19	8.E-09	3.E-22	1.E-11
Fr223	8.E-25	7.E-15	3.E-25	3.E-15	8.E-19	7.E-09	2.E-17	1.E-07	5.E-18	4.E-08	2.E-18	2.E-08	5.E-19	4.E-09
I129 *	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m*	1.E-13	3.E-09	2.E-12	6.E-08	3.E-06	8.E-02	1.E-04	3.E+00	8.E-06	2.E-01	8.E-07	2.E-02	5.E-08	1.E-03
Ni63*	0.	0.	0.	0.	0.	0.	3.E-02	1.E+02	3.E-02	1.E+02	3.E-02	1.E+02	6.E-02	2.E+02
Np237*	7.E-15	1.E-15	3.E-13	4.E-14	3.E-05	5.E-06	1.E-03	2.E-04	8.E-05	1.E-05	8.E-06	1.E-06	2.E-07	4.E-08
Np239*	0.	0.	0.	0.	1.E-11	6.E-04	4.E-11	2.E-03	2.E-12	1.E-04	2.E-13	1.E-05	3.E-15	2.E-07
Pa231*	3.E-13	3.E-12	2.E-13	2.E-12	2.E-07	2.E-06	3.E-06	3.E-05	8.E-07	9.E-06	3.E-07	3.E-06	7.E-08	8.E-07
Pa233*	2.E-22	1.E-15	9.E-21	4.E-14	1.E-12	5.E-06	4.E-11	2.E-04	3.E-12	1.E-05	3.E-13	1.E-06	8.E-15	4.E-08
Pa234m	2.E-18	3.E-07	1.E-18	2.E-07	1.E-12	2.E-01	8.E-12	1.E+00	3.E-12	4.E-01	1.E-12	2.E-01	2.E-13	3.E-02
Pb209	8.E-19	8.E-10	7.E-25	6.E-16	8.E-18	8.E-09	1.E-17	1.E-08	1.E-17	1.E-08	8.E-18	8.E-09	1.E-20	1.E-11
Pb210*	1.E-21	2.E-17	3.E-23	5.E-19	7.E-17	1.E-12	3.E-15	5.E-11	3.E-16	5.E-12	1.E-16	2.E-12	3.E-17	5.E-13
Pb211	9.E-23	5.E-13	4.E-23	2.E-13	9.E-17	5.E-07	1.E-14	7.E-05	6.E-16	3.E-06	2.E-16	1.E-06	5.E-17	3.E-07
Pb214	3.E-26	2.E-16	1.E-27	7.E-18	1.E-21	8.E-12	4.E-20	3.E-10	4.E-21	3.E-11	1.E-21	1.E-11	3.E-22	2.E-12
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210*	2.E-23	2.E-17	5.E-25	5.E-19	1.E-18	1.E-12	5.E-17	4.E-11	5.E-18	5.E-12	2.E-18	2.E-12	5.E-19	5.E-13
Po213	3.E-28	7.E-10	2.E-34	6.E-16	3.E-27	7.E-09	4.E-27	1.E-08	4.E-27	1.E-08	3.E-27	7.E-09	4.E-30	1.E-11

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-106 MOLES	TANK TX-106 CURIES	TANK TX-107 MOLES	TANK TX-107 CURIES	TANK TX-108 MOLES	TANK TX-108 CURIES	TANK TX-109 MOLES	TANK TX-109 CURIES	TANK TX-110 MOLES	TANK TX-110 CURIES	TANK TX-111 MOLES	TANK TX-111 CURIES	TANK TX-112 MOLES	TANK TX-112 CURIES
Po214	4.E-33	3.E-16	1.E-34	8.E-18	1.E-28	1.E-11	5.E-27	3.E-10	5.E-28	4.E-11	2.E-28	1.E-11	4.E-29	3.E-12
Po215	8.E-29	5.E-13	3.E-29	2.E-13	7.E-23	5.E-07	2.E-21	1.E-05	5.E-22	3.E-06	2.E-22	1.E-06	4.E-23	3.E-07
Po218	4.E-27	2.E-16	1.E-28	7.E-18	1.E-22	8.E-12	4.E-21	3.E-10	5.E-22	3.E-11	2.E-22	1.E-11	4.E-23	2.E-12
Pu238•	3.E-09	1.E-05	5.E-11	2.E-07	3.E-05	1.E-01	1.E-03	5.E+00	4.E-05	2.E-01	4.E-06	2.E-02	2.E-07	7.E-04
Pu239•	2.E-09	3.E-08	6.E-08	9.E-07	4.E-02	6.E-01	1.E+01	2.E+02	8.E-01	1.E+01	8.E-02	1.E+00	4.E-03	6.E-02
Pu240•	9.E-08	5.E-06	4.E-09	2.E-07	3.E-03	1.E-01	5.E-01	3.E+01	4.E-02	2.E+00	4.E-03	2.E-01	1.E-04	8.E-03
Pu241•	2.E-12	5.E-08	1.E-10	4.E-06	7.E-05	2.E+00	8.E-03	2.E+02	5.E-04	1.E+01	6.E-05	1.E+00	1.E-06	3.E-02
Ra223•	4.E-20	5.E-13	2.E-20	2.E-13	4.E-14	5.E-07	9.E-13	1.E-05	3.E-13	3.E-06	9.E-14	1.E-06	2.E-14	3.E-07
Ra225	9.E-17	8.E-10	7.E-23	6.E-16	9.E-16	8.E-09	1.E-15	1.E-08	1.E-15	1.E-08	9.E-16	8.E-09	1.E-18	1.E-11
Ra226•	1.E-18	2.E-16	3.E-20	7.E-18	4.E-14	8.E-12	1.E-12	3.E-10	1.E-13	3.E-11	4.E-14	1.E-11	1.E-14	2.E-12
Ru106•	0.	0.	0.	0.	0.	0.	4.E-09	1.E-03	2.E-10	8.E-05	3.E-11	9.E-06	7.E-14	3.E-08
Sb126	8.E-17	9.E-10	5.E-15	5.E-08	2.E-09	2.E-02	5.E-08	5.E-01	4.E-09	4.E-02	4.E-10	5.E-03	2.E-11	2.E-04
Sb126m	9.E-20	9.E-10	5.E-18	5.E-08	2.E-12	2.E-02	5.E-11	5.E-01	5.E-12	4.E-02	5.E-13	5.E-03	2.E-14	2.E-04
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151•	0.	0.	0.	0.	8.E-03	3.E+01	2.E-01	8.E+02	2.E-02	7.E+01	2.E-03	7.E+00	1.E-04	5.E-01
Sn126	2.E-10	8.E-10	1.E-08	5.E-08	7.E-03	2.E-02	1.E-01	5.E-01	1.E-02	4.E-02	1.E-03	5.E-03	7.E-05	2.E-04
Sr90 •	0.	0.	0.	0.	5.E-01	6.E+03	2.E+00	2.E+04	3.E+00	4.E+04	2.E-02	3.E+02	0.	0.
Tc99 •	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227•	3.E-13	2.E-06	2.E-19	1.E-12	4.E-12	3.E-05	5.E-11	4.E-04	2.E-11	2.E-04	9.E-12	6.E-05	1.E-11	7.E-05
Th229	3.E-11	2.E-09	1.E-17	6.E-16	2.E-10	8.E-09	6.E-10	3.E-08	3.E-10	1.E-08	2.E-10	9.E-09	2.E-10	1.E-08
Th230•	2.E-14	8.E-14	7.E-16	3.E-15	5.E-10	2.E-09	1.E-08	7.E-08	2.E-09	7.E-09	5.E-10	2.E-09	1.E-10	5.E-10
Th231•	1.E-16	2.E-08	1.E-16	2.E-08	6.E-11	7.E-03	4.E-10	5.E-02	1.E-10	2.E-02	6.E-11	8.E-03	1.E-11	2.E-03
Th234•	6.E-14	3.E-07	3.E-14	2.E-07	3.E-08	2.E-01	2.E-07	1.E+00	8.E-08	4.E-01	3.E-08	2.E-01	7.E-09	4.E-02
Tl207	1.E-23	5.E-13	5.E-24	2.E-13	1.E-17	5.E-07	3.E-16	1.E-05	8.E-17	3.E-06	3.E-17	1.E-06	7.E-18	3.E-07
U233 •	9.E-07	2.E-06	2.E-13	5.E-13	4.E-06	9.E-06	3.E-05	7.E-05	1.E-05	3.E-05	4.E-06	1.E-05	4.E-06	1.E-05
U234•	6.E-10	8.E-10	2.E-11	3.E-11	1.E-05	2.E-05	4.E-04	5.E-04	4.E-05	5.E-05	1.E-05	2.E-05	2.E-06	3.E-06
U235•	3.E-05	2.E-08	3.E-05	2.E-08	1.E+01	7.E-03	1.E+02	5.E-02	4.E+01	2.E-02	2.E+01	8.E-03	3.E+00	2.E-03
U238•	4.E-03	3.E-07	2.E-03	2.E-07	2.E+03	2.E-01	2.E+04	1.E+00	5.E+03	4.E-01	2.E+03	2.E-01	5.E+02	4.E-02
Y90 •	0.	0.	0.	0.	1.E-04	6.E+03	4.E-03	2.E+05	3.E-03	1.E+05	1.E-03	6.E+04	2.E-04	8.E+03
Zr93•	3.E-08	7.E-09	1.E-06	2.E-07	6.E-01	1.E-01	1.E+01	3.E+00	1.E+00	3.E-01	1.E-01	3.E-02	7.E-03	2.E-03
Ag •	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	1.E+05	0.	0.	0.	2.E+02	0.	4.E+03	0.	2.E+03	0.	8.E+02	0.	1.E+02	0.
Ba •	9.E-01	0.	0.	0.	9.E+00	0.	2.E+01	0.	9.E+00	0.	5.E+00	0.	6.E+00	0.
Bi	1.E-14	0.	6.E-21	0.	9.E-14	0.	2.E+05	0.	2.E+04	0.	2.E+03	0.	1.E+02	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-106 MOLES	TANK TX-106 CURIES	TANK TX-107 MOLES	TANK TX-107 CURIES	TANK TX-108 MOLES	TANK TX-108 CURIES	TANK TX-109 MOLES	TANK TX-109 CURIES	TANK TX-110 MOLES	TANK TX-110 CURIES	TANK TX-111 MOLES	TANK TX-111 CURIES	TANK TX-112 MOLES	TANK TX-112 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	0.	0.	0.	0.	6.E+03	0.	3.E+04	0.	4.E+03	0.	2.E+03	0.	0.	0.
Ca	0.	0.	0.	0.	8.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	0.	0.	0.	0.	3.E-13	0.	3.E+04	0.	3.E+03	0.	3.E+02	0.	2.E+01	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	4.E+04	0.	2.E+05	0.	1.E+04	0.	0.	0.	0.	0.
Fe	0.	0.	0.	0.	0.	0.	5.E+05	0.	5.E+04	0.	5.E+03	0.	3.E+02	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	1.E+00	0.	1.E-01	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	0.	0.	0.	0.	5.E+06	0.	7.E+05	0.	2.E-06	0.	2.E-07	0.	0.	0.
Na	0.	0.	0.	0.	6.E+06	0.	3.E+06	0.	1.E+06	0.	1.E+06	0.	6.E+05	0.
Ni	0.	0.	0.	0.	0.	0.	6.E+02	0.	5.E+02	0.	2.E+02	0.	2.E+01	0.
OH	4.E+05	0.	4.E-03	0.	8.E+02	0.	2.E+06	0.	2.E+05	0.	2.E+04	0.	3.E+03	0.
PO4	0.	0.	0.	0.	2.E+05	0.	1.E+06	0.	5.E+05	0.	4.E+05	0.	2.E+05	0.
Pb	7.E-13	0.	1.E-18	0.	2.E-11	0.	5.E-03	0.	1.E-10	0.	3.E-11	0.	6.E-12	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	9.E-01	0.	0.	0.	9.E+00	0.	2.E+01	0.	9.E+00	0.	5.E+00	0.	6.E+00	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	7.E-09	0.	2.E-07	0.	5.E-01	0.	8.E+04	0.	7.E+03	0.	7.E+02	0.	5.E+01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK TX-113 MOLES	TANK TX-113 CURIES	TANK TX-114 MOLES	TANK TX-114 CURIES	TANK TX-115 MOLES	TANK TX-115 CURIES	TANK TX-116 MOLES	TANK TX-116 CURIES	TANK TX-117 MOLES	TANK TX-117 CURIES	TANK TX-118 MOLES	TANK TX-118 CURIES	TANK TY-101 MOLES	TANK TY-101 CURIES
Ac225	5.E-16	6.E-09	1.E-15	1.E-08	4.E-17	5.E-10	6.E-16	8.E-09	7.E-16	9.E-09	7.E-15	9.E-08	4.E-16	5.E-09
Ac227*	6.E-08	9.E-04	3.E-10	5.E-06	1.E-08	2.E-04	2.E-09	3.E-05	1.E-08	2.E-04	4.E-09	6.E-05	3.E-11	5.E-07
Am241*	7.E-03	6.E+00	7.E-04	6.E-01	8.E-05	7.E-02	1.E-05	9.E-03	2.E-05	2.E-02	7.E-02	6.E+01	5.E-02	4.E+01
Am242*	1.E-10	2.E-02	1.E-11	2.E-03	1.E-12	2.E-04	8.E-15	2.E-06	1.E-13	3.E-05	1.E-13	2.E-05	2.E-12	4.E-04
Am242m*	9.E-06	2.E-02	9.E-07	2.E-03	1.E-07	2.E-04	7.E-10	2.E-06	1.E-08	3.E-05	9.E-09	2.E-05	2.E-07	4.E-04
Am243*	7.E-06	4.E-04	7.E-07	3.E-05	8.E-08	4.E-06	1.E-08	7.E-07	7.E-08	4.E-06	1.E-07	7.E-06	1.E-04	6.E-03
At217	2.E-23	6.E-09	4.E-23	1.E-08	2.E-24	5.E-10	2.E-23	8.E-09	3.E-23	9.E-09	3.E-22	9.E-08	1.E-23	5.E-09
Ba137m	4.E-07	3.E+04	1.E-06	8.E+04	6.E-07	4.E+04	2.E-07	2.E+04	1.E-07	7.E+03	0.	0.	9.E-08	7.E+03
Bi210*	3.E-17	9.E-10	6.E-18	2.E-10	6.E-18	2.E-10	1.E-18	4.E-11	7.E-18	2.E-10	7.E-18	2.E-10	8.E-18	2.E-10
Bi211	1.E-14	9.E-04	6.E-17	5.E-06	2.E-15	2.E-04	3.E-16	3.E-05	2.E-15	2.E-04	7.E-16	6.E-05	5.E-18	5.E-07
Bi213	2.E-18	6.E-09	3.E-18	1.E-08	1.E-19	5.E-10	2.E-18	9.E-09	2.E-18	1.E-08	2.E-17	9.E-08	1.E-18	5.E-09
Bi214	5.E-19	5.E-09	7.E-20	6.E-10	9.E-20	8.E-10	2.E-20	2.E-10	1.E-19	9.E-10	3.E-20	3.E-10	1.E-19	1.E-09
C14*	2.E-01	1.E+01	3.E-03	2.E-01	7.E-02	4.E+00	1.E-02	7.E-01	2.E-01	1.E+01	2.E+01	1.E+03	2.E-03	1.E-01
Cm242*	2.E-08	2.E-02	2.E-09	2.E-03	2.E-10	2.E-04	2.E-12	1.E-06	3.E-11	2.E-05	2.E-11	2.E-05	4.E-10	3.E-04
Cm244*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	2.E-19	6.E-09	3.E-19	1.E-08	1.E-20	5.E-10	2.E-19	8.E-09	2.E-19	9.E-09	2.E-18	9.E-08	1.E-19	5.E-09
Fr223	2.E-15	1.E-05	8.E-18	7.E-08	3.E-16	2.E-06	5.E-17	4.E-07	3.E-16	3.E-06	1.E-16	9.E-07	8.E-19	7.E-09
I129*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E-04	3.E-06	0.	0.
Nb93m*	4.E-05	9.E-01	4.E-06	9.E-02	4.E-07	1.E-02	0.	0.	0.	0.	0.	0.	6.E-05	2.E+00
Ni63*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E-01	2.E+03	0.	0.
Np237*	3.E-04	4.E-05	3.E-05	4.E-06	3.E-06	5.E-07	5.E-07	9.E-08	8.E-07	1.E-07	4.E-04	7.E-05	2.E-03	3.E-04
Np239*	6.E-12	3.E-04	6.E-13	3.E-05	7.E-14	4.E-06	1.E-14	6.E-07	6.E-14	3.E-06	1.E-13	7.E-06	1.E-10	6.E-03
Pa231*	2.E-04	3.E-03	2.E-06	3.E-05	4.E-05	5.E-04	8.E-06	8.E-05	5.E-05	5.E-04	2.E-05	2.E-04	2.E-07	2.E-06
Pa233*	9.E-12	4.E-05	9.E-13	4.E-06	1.E-13	5.E-07	2.E-14	9.E-08	3.E-14	1.E-07	1.E-11	7.E-05	6.E-11	3.E-04
Pa234m	6.E-10	1.E+02	2.E-11	3.E+00	1.E-10	2.E+01	2.E-11	3.E+00	1.E-10	2.E+01	5.E-11	8.E+00	2.E-12	2.E-01
Pb209	7.E-18	6.E-09	1.E-17	1.E-08	6.E-19	5.E-10	9.E-18	8.E-09	1.E-17	9.E-09	1.E-16	9.E-08	5.E-18	5.E-09
Pb210*	5.E-14	8.E-10	9.E-15	1.E-10	9.E-15	1.E-10	2.E-15	4.E-11	1.E-14	2.E-10	1.E-14	2.E-10	1.E-14	2.E-10
Pb211	2.E-13	9.E-04	1.E-15	5.E-06	3.E-14	2.E-04	6.E-15	3.E-05	3.E-14	2.E-04	1.E-14	6.E-05	9.E-17	5.E-07
Pb214	7.E-19	5.E-09	9.E-20	6.E-10	1.E-19	8.E-10	3.E-20	2.E-10	1.E-19	9.E-10	5.E-20	3.E-10	2.E-19	1.E-09
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210*	9.E-16	8.E-10	2.E-16	1.E-10	2.E-16	1.E-10	4.E-17	4.E-11	2.E-16	2.E-10	2.E-16	2.E-10	2.E-16	2.E-10
Po213	2.E-27	6.E-09	5.E-27	1.E-08	2.E-28	5.E-10	3.E-27	8.E-09	3.E-27	9.E-09	3.E-26	9.E-08	2.E-27	5.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-113 MOLES	TANK TX-113 CURIES	TANK TX-114 MOLES	TANK TX-114 CURIES	TANK TX-115 MOLES	TANK TX-115 CURIES	TANK TX-116 MOLES	TANK TX-116 CURIES	TANK TX-117 MOLES	TANK TX-117 CURIES	TANK TX-118 MOLES	TANK TX-118 CURIES	TANK TY-101 MOLES	TANK TY-101 CURIES
Po214	8.E-26	6.E-09	1.E-26	8.E-10	1.E-26	1.E-09	3.E-27	2.E-10	2.E-26	1.E-09	6.E-27	4.E-10	2.E-26	2.E-09
Po215	1.E-19	9.E-04	8.E-22	5.E-06	3.E-20	2.E-04	5.E-21	3.E-05	3.E-20	2.E-04	1.E-20	6.E-05	8.E-23	5.E-07
Po218	7.E-20	5.E-09	1.E-20	6.E-10	1.E-20	8.E-10	3.E-21	2.E-10	2.E-20	9.E-10	5.E-21	3.E-10	2.E-20	1.E-09
Pu238•	7.E-05	3.E-01	3.E-05	1.E-01	2.E-05	6.E-02	9.E-07	4.E-03	6.E-06	2.E-02	5.E-03	2.E+01	9.E-03	4.E+01
Pu239•	3.E+00	5.E+01	3.E-01	5.E+00	4.E-02	5.E-01	4.E-11	6.E-10	2.E-10	3.E-09	6.E+01	9.E+02	1.E+01	2.E+02
Pu240•	1.E-01	8.E+00	1.E-02	8.E-01	2.E-03	9.E-02	1.E-08	7.E-07	2.E-07	1.E-05	4.E+00	2.E+02	7.E-01	4.E+01
Pu241•	2.E-03	4.E+01	2.E-04	4.E+00	2.E-05	5.E-01	5.E-14	1.E-09	9.E-13	2.E-08	2.E-01	6.E+03	2.E-02	4.E+02
Ra223•	8.E-11	9.E-04	4.E-13	5.E-06	1.E-11	2.E-04	3.E-12	3.E-05	2.E-11	2.E-04	5.E-12	6.E-05	4.E-14	5.E-07
Ra225	7.E-16	6.E-09	1.E-15	1.E-08	6.E-17	5.E-10	1.E-15	9.E-09	1.E-15	9.E-09	1.E-14	9.E-08	6.E-16	5.E-09
Ra226•	2.E-11	5.E-09	3.E-12	6.E-10	4.E-12	8.E-10	8.E-13	2.E-10	4.E-12	9.E-10	1.E-12	3.E-10	5.E-12	1.E-09
Ru106•	4.E-10	2.E-04	4.E-11	2.E-05	5.E-12	2.E-06	4.E-13	1.E-07	4.E-12	1.E-06	4.E-06	2.E+00	1.E-08	4.E-03
Sb126	2.E-08	2.E-01	2.E-09	2.E-02	2.E-10	2.E-03	8.E-20	9.E-13	2.E-19	2.E-12	6.E-16	6.E-09	4.E-08	4.E-01
Sb126m	2.E-11	2.E-01	2.E-12	2.E-02	2.E-13	2.E-03	9.E-23	9.E-13	2.E-22	2.E-12	7.E-19	6.E-09	4.E-11	4.E-01
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151•	8.E-02	3.E+02	8.E-03	3.E+01	8.E-04	3.E+00	6.E-07	2.E-03	1.E-06	4.E-03	2.E-06	8.E-03	1.E-01	5.E+02
Sn126	5.E-02	2.E-01	5.E-03	2.E-02	6.E-04	2.E-03	2.E-13	8.E-13	5.E-13	2.E-12	2.E-09	6.E-09	1.E-01	4.E-01
Sr90•	8.E-01	1.E+04	4.E-02	5.E+02	3.E+00	4.E+04	4.E+00	5.E+04	7.E+00	9.E+04	2.E+00	2.E+04	2.E+00	2.E+04
Tc99•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227•	1.E-10	9.E-04	1.E-11	9.E-05	3.E-11	2.E-04	6.E-12	4.E-05	3.E-11	2.E-04	8.E-12	6.E-05	3.E-12	2.E-05
Th229	1.E-10	6.E-09	3.E-10	1.E-08	1.E-11	7.E-10	2.E-10	9.E-09	2.E-10	1.E-08	2.E-09	9.E-08	1.E-10	5.E-09
Th230•	2.E-07	1.E-06	3.E-08	1.E-07	4.E-08	2.E-07	9.E-09	4.E-08	5.E-08	2.E-07	2.E-08	9.E-08	7.E-08	3.E-07
Th231•	3.E-08	4.E+00	1.E-09	1.E-01	6.E-09	7.E-01	1.E-09	1.E-01	7.E-09	9.E-01	3.E-09	3.E-01	9.E-11	1.E-02
Th234•	2.E-05	1.E+02	6.E-07	3.E+00	3.E-06	2.E+01	6.E-07	3.E+00	4.E-06	2.E+01	1.E-06	8.E+00	5.E-08	2.E-01
Tl207	2.E-14	9.E-04	1.E-16	5.E-06	4.E-15	2.E-04	7.E-16	3.E-05	4.E-15	2.E-04	2.E-15	6.E-05	1.E-17	5.E-07
U233•	2.E-06	4.E-06	5.E-06	1.E-05	4.E-07	9.E-07	2.E-06	5.E-06	2.E-06	5.E-06	8.E-05	2.E-04	2.E-06	4.E-06
U234•	6.E-03	9.E-03	4.E-04	6.E-04	1.E-03	1.E-03	2.E-04	3.E-04	1.E-03	2.E-03	7.E-04	1.E-03	2.E-03	3.E-03
U235•	8.E+03	4.E+00	3.E+02	1.E-01	1.E+03	7.E-01	3.E+02	1.E-01	2.E+03	9.E-01	6.E+02	3.E-01	2.E+01	1.E-02
U238•	1.E+06	1.E+02	4.E+04	3.E+00	2.E+05	2.E+01	4.E+04	3.E+00	3.E+05	2.E+01	9.E+04	8.E+00	3.E+03	2.E-01
Y90•	2.E-04	1.E+04	1.E-05	5.E+02	8.E-04	4.E+04	1.E-03	5.E+04	2.E-03	9.E+04	5.E-04	2.E+04	4.E-04	2.E+04
Zr93•	5.E+00	1.E+00	5.E-01	1.E-01	6.E-02	1.E-02	0.	0.	0.	0.	0.	0.	9.E+00	2.E+00
Ag•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.E-04	0.	0.	0.
Al	1.E+03	0.	8.E+02	0.	7.E+02	0.	1.E+03	0.	1.E+03	0.	2.E+04	0.	7.E+02	0.
Ba•	3.E+00	0.	7.E+00	0.	1.E+00	0.	3.E+00	0.	3.E+00	0.	6.E+01	0.	3.E+00	0.
Bi	1.E+05	0.	1.E+04	0.	1.E+03	0.	2.E-12	0.	4.E-07	0.	4.E-04	0.	8.E+04	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TX-113 MOLES	TANK TX-113 CURIES	TANK TX-114 MOLES	TANK TX-114 CURIES	TANK TX-115 MOLES	TANK TX-115 CURIES	TANK TX-116 MOLES	TANK TX-116 CURIES	TANK TX-117 MOLES	TANK TX-117 CURIES	TANK TX-118 MOLES	TANK TX-118 CURIES	TANK TY-101 MOLES	TANK TY-101 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	2.E+05	0.	1.E+05	0.	7.E+05	0.	2.E+04	0.	8.E+05	0.	1.E+07	0.	8.E+03	0.
Ca	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.E-02	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl -	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr -	1.E+04	0.	1.E+03	0.	2.E+02	0.	5.E-12	0.	5.E-08	0.	6.E-05	0.	1.E+04	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F -	1.E+06	0.	0.	0.	0.	0.	2.E+06	0.	3.E+06	0.	2.E+06	0.	1.E+04	0.
Fe +	2.E+05	0.	2.E+04	0.	2.E+03	0.	2.E-19	0.	1.E-18	0.	1.E+03	0.	2.E+05	0.
Fe(CN)6 -	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.E+03	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K +	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn +	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+01	0.	0.	0.
NO2 -	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3 -	7.E-04	0.	2.E-06	0.	2.E-04	0.	1.E+07	0.	7.E+06	0.	1.E+08	0.	5.E+06	0.
Na +	7.E+06	0.	2.E+05	0.	9.E+05	0.	3.E+07	0.	3.E+07	0.	2.E+08	0.	5.E+06	0.
Ni +	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+03	0.	0.	0.
OH -	8.E+05	0.	8.E+04	0.	1.E+04	0.	5.E+03	0.	6.E+03	0.	9.E+04	0.	6.E+05	0.
PO4 -	3.E+06	0.	9.E+03	0.	8.E+02	0.	4.E+06	0.	5.E+06	0.	2.E+06	0.	8.E+04	0.
Pb +	2.E-08	0.	1.E-10	0.	3.E-09	0.	6.E-10	0.	3.E-09	0.	3.E+01	0.	4.E-11	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.E+05	0.	0.	0.
SO4 -	3.E+00	0.	7.E+00	0.	1.E+00	0.	3.E+00	0.	3.E+00	0.	4.E+06	0.	3.E+00	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	3.E+04	0.	3.E+03	0.	4.E+02	0.	4.E+00	0.	8.E+00	0.	2.E+01	0.	3.E+04	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK TY-102 MOLES	TANK TY-102 CURIES	TANK TY-103 MOLES	TANK TY-103 CURIES	TANK TY-104 MOLES	TANK TY-104 CURIES	TANK TY-105 MOLES	TANK TY-105 CURIES	TANK TY-106 MOLES	TANK TY-106 CURIES	TANK U-101 MOLES	TANK U-101 CURIES	TANK U-102 MOLES	TANK U-102 CURIES
Ac225	2.E-15	2.E-08	6.E-15	8.E-08	2.E-16	3.E-09	6.E-16	8.E-09	3.E-16	4.E-09	9.E-16	1.E-08	5.E-16	7.E-09
Ac227*	3.E-13	6.E-09	9.E-10	1.E-05	6.E-11	1.E-06	2.E-09	4.E-05	2.E-10	4.E-06	8.E-10	1.E-05	1.E-19	2.E-15
Am241*	1.E-04	8.E-02	4.E-02	4.E+01	3.E-03	2.E+00	3.E-02	2.E+01	3.E-03	3.E+00	1.E-02	9.E+00	3.E-10	3.E-07
Am242*	2.E-16	4.E-08	5.E-12	9.E-04	2.E-13	4.E-05	3.E-10	6.E-02	3.E-11	6.E-03	2.E-13	3.E-05	0.	0.
Am242m*	2.E-11	4.E-08	4.E-07	9.E-04	2.E-08	4.E-05	2.E-05	6.E-02	3.E-06	6.E-03	1.E-08	3.E-05	0.	0.
Am243*	1.E-10	5.E-09	8.E-05	4.E-03	7.E-06	3.E-04	4.E-05	2.E-03	5.E-06	2.E-04	1.E-04	6.E-03	0.	0.
At217	6.E-23	2.E-08	2.E-22	8.E-08	8.E-24	3.E-09	2.E-23	8.E-09	1.E-23	4.E-09	3.E-23	1.E-08	2.E-23	7.E-09
Ba137m	1.E-06	8.E+04	2.E-06	2.E+05	2.E-08	2.E+03	4.E-07	3.E+04	0.	0.	0.	0.	2.E-06	2.E+05
Bi210*	4.E-20	1.E-12	3.E-17	8.E-10	3.E-19	8.E-12	1.E-17	3.E-10	1.E-18	3.E-11	5.E-19	1.E-11	1.E-23	4.E-16
Bi211	6.E-20	5.E-09	2.E-15	1.E-04	1.E-17	1.E-06	5.E-16	4.E-05	5.E-17	4.E-06	1.E-16	1.E-05	2.E-26	2.E-15
Bi213	5.E-18	2.E-08	2.E-17	9.E-08	7.E-19	3.E-09	2.E-18	8.E-09	1.E-18	4.E-09	3.E-18	1.E-08	2.E-18	7.E-09
Bi214	1.E-21	1.E-11	5.E-19	5.E-09	4.E-21	4.E-11	1.E-19	1.E-09	1.E-20	1.E-10	8.E-21	8.E-11	7.E-25	7.E-15
C14	4.E-02	2.E+00	5.E-04	3.E-02	8.E-04	5.E-02	2.E-02	2.E+00	2.E-03	1.E-01	4.E-02	2.E+00	0.	0.
Cm242*	4.E-14	3.E-08	9.E-10	7.E-04	4.E-11	3.E-05	6.E-08	5.E-02	7.E-09	5.E-03	4.E-11	3.E-05	0.	0.
Cm244*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	5.E-19	2.E-08	2.E-18	8.E-08	7.E-20	3.E-09	2.E-19	8.E-09	1.E-19	4.E-09	3.E-19	1.E-08	2.E-19	7.E-09
Fr223	9.E-21	8.E-11	2.E-17	2.E-07	2.E-18	1.E-08	7.E-17	6.E-07	7.E-18	6.E-08	2.E-17	2.E-07	4.E-27	3.E-17
I129*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m*	4.E-07	1.E-02	2.E-04	6.E+00	2.E-05	5.E-01	6.E-04	2.E+01	6.E-05	2.E+00	4.E-05	1.E+00	3.E-14	8.E-10
Ni63*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Np237*	7.E-07	1.E-07	1.E-03	2.E-04	7.E-05	1.E-05	1.E-03	2.E-04	1.E-04	2.E-05	4.E-04	6.E-05	1.E-12	2.E-13
Np239*	9.E-17	5.E-09	7.E-11	4.E-03	6.E-12	3.E-04	3.E-11	2.E-03	4.E-12	2.E-04	1.E-10	6.E-03	0.	0.
Pa231*	4.E-09	5.E-08	4.E-06	4.E-05	3.E-07	4.E-06	1.E-05	1.E-04	1.E-06	1.E-05	4.E-06	5.E-05	2.E-15	3.E-14
Pa233*	2.E-14	1.E-07	5.E-11	2.E-04	3.E-12	1.E-05	4.E-11	2.E-04	5.E-12	2.E-05	1.E-11	6.E-05	5.E-20	2.E-13
Pa234m	4.E-14	7.E-03	1.E-11	2.E+00	1.E-12	2.E-01	3.E-11	5.E+00	3.E-12	5.E-01	1.E-11	2.E+00	3.E-20	5.E-09
Pb209	2.E-17	2.E-08	8.E-17	8.E-08	3.E-18	3.E-09	8.E-18	8.E-09	4.E-18	4.E-09	1.E-17	1.E-08	7.E-18	7.E-09
Pb210*	7.E-17	1.E-12	5.E-14	8.E-10	5.E-16	7.E-12	2.E-14	3.E-10	2.E-15	3.E-11	8.E-16	1.E-11	2.E-20	3.E-16
Pb211	1.E-18	5.E-09	3.E-15	1.E-05	2.E-16	9.E-07	8.E-15	4.E-05	8.E-16	4.E-06	2.E-15	1.E-05	4.E-25	2.E-15
Pb214	2.E-21	1.E-11	7.E-19	5.E-09	5.E-21	4.E-11	2.E-19	1.E-09	2.E-20	1.E-10	1.E-20	8.E-11	1.E-24	7.E-15
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210*	1.E-18	1.E-12	8.E-16	8.E-10	8.E-18	7.E-12	3.E-16	3.E-10	3.E-17	3.E-11	1.E-17	1.E-11	4.E-22	3.E-16
Po213	7.E-27	2.E-08	3.E-26	8.E-08	1.E-27	3.E-09	3.E-27	7.E-09	2.E-27	4.E-09	4.E-27	1.E-08	3.E-27	7.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TY-102 MOLES	TANK TY-102 CURIES	TANK TY-103 MOLES	TANK TY-103 CURIES	TANK TY-104 MOLES	TANK TY-104 CURIES	TANK TY-105 MOLES	TANK TY-105 CURIES	TANK TY-106 MOLES	TANK TY-106 CURIES	TANK U-101 MOLES	TANK U-101 CURIES	TANK U-102 MOLES	TANK U-102 CURIES
Po214	2.E-28	1.E-11	8.E-26	6.E-09	7.E-28	5.E-11	2.E-26	1.E-09	2.E-27	1.E-10	1.E-27	1.E-10	1.E-31	8.E-15
Po215	9.E-25	5.E-09	2.E-21	1.E-05	2.E-22	1.E-06	6.E-21	4.E-05	7.E-22	4.E-06	2.E-21	1.E-05	3.E-31	2.E-15
Po218	2.E-22	1.E-11	8.E-20	5.E-09	6.E-22	4.E-11	2.E-20	1.E-09	2.E-21	1.E-10	1.E-21	8.E-11	1.E-25	7.E-15
Pu238•	1.E-04	6.E-01	3.E-02	1.E+02	2.E-04	6.E-01	1.E-04	5.E-01	2.E-05	6.E-02	6.E-05	2.E-01	5.E-07	2.E-03
Pu239•	2.E-01	3.E+00	2.E+01	3.E+02	5.E-01	8.E+00	5.E+00	7.E+01	5.E-01	8.E+00	1.E-01	2.E+00	7.E-07	1.E-05
Pu240•	1.E-02	6.E-01	7.E-01	4.E+01	3.E-02	2.E+00	1.E-01	8.E+00	2.E-02	9.E-01	6.E-03	4.E-01	1.E-06	6.E-05
Pu241•	2.E-04	6.E+00	1.E-02	3.E+02	7.E-04	2.E+01	1.E-03	3.E+01	1.E-04	4.E+00	2.E-04	4.E+00	1.E-09	3.E-05
Ra223•	5.E-16	5.E-09	1.E-12	1.E-05	8.E-14	9.E-07	4.E-12	4.E-05	4.E-13	4.E-06	1.E-12	1.E-05	2.E-22	2.E-15
Ra225	2.E-15	2.E-08	9.E-15	8.E-08	3.E-16	3.E-09	9.E-16	8.E-09	5.E-16	4.E-09	1.E-15	1.E-08	8.E-16	7.E-09
Ra226•	5.E-14	1.E-11	2.E-11	5.E-09	2.E-13	4.E-11	5.E-12	1.E-09	5.E-13	1.E-10	3.E-13	8.E-11	3.E-17	7.E-15
Ru106•	0.	0.	9.E-09	3.E-03	6.E-11	2.E-05	3.E-09	9.E-04	3.E-10	9.E-05	1.E-08	4.E-03	0.	0.
Sb126	5.E-10	5.E-03	1.E-07	1.E+00	1.E-08	1.E-01	3.E-07	3.E+00	3.E-08	3.E-01	3.E-08	3.E-01	2.E-08	2.E-01
Sb126m	5.E-13	5.E-03	1.E-10	1.E+00	1.E-11	1.E-01	3.E-10	3.E+00	3.E-11	3.E-01	3.E-11	3.E-01	2.E-11	2.E-01
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151•	2.E-03	9.E+00	7.E-01	3.E+03	7.E-02	3.E+02	2.E+00	7.E+03	2.E-01	8.E+02	1.E-01	4.E+02	0.	0.
Sn126	1.E-03	5.E-03	3.E-01	1.E+00	3.E-02	1.E-01	9.E-01	3.E+00	1.E-01	3.E-01	8.E-02	3.E-01	0.	0.
Sr90•	0.	0.	9.E+00	1.E+05	6.E-01	8.E+03	3.E+01	3.E+05	9.E-01	1.E+04	0.	0.	0.	0.
Tc99•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227•	1.E-11	8.E-05	2.E-11	1.E-04	2.E-13	1.E-06	2.E-11	1.E-04	6.E-13	4.E-06	2.E-12	1.E-05	3.E-22	2.E-15
Th229	5.E-10	2.E-08	2.E-09	9.E-08	6.E-11	3.E-09	2.E-10	1.E-08	9.E-11	4.E-09	2.E-10	1.E-08	1.E-10	7.E-09
Th230•	1.E-09	5.E-09	3.E-07	1.E-06	2.E-09	9.E-09	3.E-08	1.E-07	4.E-09	2.E-08	5.E-09	2.E-08	1.E-12	7.E-12
Th231•	2.E-12	3.E-04	6.E-10	8.E-02	8.E-11	1.E-02	2.E-09	2.E-01	2.E-10	2.E-02	9.E-10	1.E-01	2.E-18	2.E-10
Th234•	1.E-09	7.E-03	3.E-07	2.E+00	4.E-08	2.E-01	9.E-07	5.E+00	1.E-07	5.E-01	4.E-07	2.E+00	9.E-16	5.E-09
Tl207	1.E-19	5.E-09	4.E-16	1.E-05	2.E-17	1.E-06	1.E-15	4.E-05	1.E-16	4.E-06	3.E-16	1.E-05	5.E-26	2.E-15
U233•	2.E-05	3.E-05	6.E-05	1.E-04	8.E-07	2.E-06	2.E-06	5.E-06	8.E-07	2.E-06	4.E-06	9.E-06	7.E-06	2.E-05
U234•	3.E-05	4.E-05	7.E-03	1.E-02	5.E-05	7.E-05	4.E-04	6.E-04	4.E-05	6.E-05	1.E-04	2.E-04	1.E-07	2.E-07
U235•	6.E-01	3.E-04	2.E+02	8.E-02	2.E+01	1.E-02	4.E+02	2.E-01	5.E+01	2.E-02	2.E+02	1.E-01	5.E-07	2.E-10
U238•	8.E+01	7.E-03	2.E+04	2.E+00	3.E+03	2.E-01	6.E+04	5.E+00	7.E+03	5.E-01	3.E+04	2.E+00	6.E-05	5.E-09
Y90•	3.E-04	2.E+04	3.E-03	1.E+05	2.E-04	8.E+03	7.E-03	3.E+05	2.E-04	1.E+04	0.	0.	0.	0.
Zr93•	1.E-01	3.E-02	3.E+01	8.E+00	3.E+00	7.E-01	8.E+01	2.E+01	9.E+00	2.E+00	7.E+00	2.E+00	1.E-08	3.E-09
Ag	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	3.E+02	0.	1.E+06	0.	5.E+02	0.	7.E+01	0.	3.E+01	0.	2.E+02	0.	6.E+02	0.
Ba	7.E+00	0.	1.E+01	0.	2.E+00	0.	1.E+01	0.	2.E+00	0.	5.E+00	0.	1.E+01	0.
Bi	2.E+03	0.	1.E+05	0.	2.E+03	0.	2.E-13	0.	1.E-13	0.	2.E-13	0.	7.E-14	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK TY-102 MOLES	TANK TY-102 CURIES	TANK TY-103 MOLES	TANK TY-103 CURIES	TANK TY-104 MOLES	TANK TY-104 CURIES	TANK TY-105 MOLES	TANK TY-105 CURIES	TANK TY-106 MOLES	TANK TY-106 CURIES	TANK U-101 MOLES	TANK U-101 CURIES	TANK U-102 MOLES	TANK U-102 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	3.E+04	0.	5.E+04	0.	4.E+03	0.	2.E+05	0.	1.E+04	0.	9.E+04	0.	0.	0.
Ca	0.	0.	7.E-04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	3.E+02	0.	1.E+04	0.	3.E+02	0.	0.	0.	0.	0.	6.E-06	0.	0.	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	4.E+02	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe	5.E+03	0.	2.E+05	0.	5.E+03	0.	5.E-01	0.	5.E-02	0.	0.	0.	2.E-01	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	4.E+05	0.	2.E-06	0.	1.E-06	0.	8.E-05	0.	6.E-06	0.	5.E+06	0.	0.	0.
Na	1.E+06	0.	7.E+04	0.	5.E+03	0.	2.E+05	0.	8.E+05	0.	5.E+06	0.	0.	0.
Ni	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OH	2.E+04	0.	4.E+06	0.	2.E+04	0.	2.E+04	0.	4.E+03	0.	8.E+02	0.	2.E+03	0.
PO4	2.E+05	0.	1.E+05	0.	2.E+03	0.	0.	0.	0.	0.	9.E+04	0.	2.E-14	0.
Pb	1.E-10	0.	5.E-10	0.	3.E-11	0.	8.E-10	0.	9.E-11	0.	2.E-10	0.	2.E-16	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	4.E+05	0.	0.	0.	0.	0.
SO4	7.E+00	0.	1.E+01	0.	2.E+00	0.	1.E+01	0.	2.E+00	0.	5.E+00	0.	1.E+01	0.
Sr	0.	0.	3.E-04	0.	2.E-05	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	8.E+02	0.	3.E+04	0.	8.E+02	0.	3.E+01	0.	3.E+00	0.	2.E+00	0.	6.E-01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK U-103 MOLES	TANK U-103 CURIES	TANK U-104 MOLES	TANK U-104 CURIES	TANK U-105 MOLES	TANK U-105 CURIES	TANK U-106 MOLES	TANK U-106 CURIES	TANK U-107 MOLES	TANK U-107 CURIES	TANK U-108 MOLES	TANK U-108 CURIES	TANK U-109 MOLES	TANK U-109 CURIES
Ac225	3.E-15	4.E-08	6.E-24	8.E-17	2.E-16	3.E-09	8.E-16	1.E-08	7.E-16	9.E-09	3.E-16	4.E-09	2.E-16	3.E-09
Ac227*	2.E-19	4.E-15	3.E-17	4.E-13	4.E-13	7.E-09	9.E-18	1.E-13	5.E-17	8.E-13	2.E-10	3.E-06	2.E-12	3.E-08
Am241*	2.E-07	1.E-04	1.E-11	1.E-08	2.E-04	2.E-01	9.E-12	8.E-09	2.E-11	2.E-08	1.E-02	8.E+00	3.E-04	3.E-01
Am242*	1.E-15	3.E-07	0.	0.	3.E-14	6.E-06	0.	0.	0.	0.	5.E-11	1.E-02	2.E-13	5.E-05
Am242m*	1.E-10	3.E-07	0.	0.	3.E-09	6.E-06	0.	0.	0.	0.	4.E-06	1.E-02	2.E-08	5.E-05
Am243*	1.E-09	7.E-08	0.	0.	1.E-06	6.E-05	0.	0.	0.	0.	5.E-05	3.E-03	4.E-06	2.E-04
At217	1.E-22	4.E-08	2.E-31	8.E-17	8.E-24	3.E-09	3.E-23	1.E-08	3.E-23	9.E-09	1.E-23	4.E-09	9.E-24	3.E-09
Ba137m	0.	0.	0.	0.	0.	0.	0.	0.	1.E-06	8.E+04	0.	0.	2.E-07	2.E+04
Bi210*	8.E-22	2.E-14	2.E-26	6.E-19	3.E-21	7.E-14	7.E-25	2.E-17	9.E-20	2.E-12	7.E-20	2.E-12	2.E-20	5.E-13
Bi211	2.E-23	2.E-12	5.E-24	4.E-13	8.E-20	7.E-09	2.E-24	1.E-13	3.E-16	2.E-05	3.E-17	3.E-06	3.E-19	3.E-08
Bi213	9.E-18	4.E-08	2.E-26	8.E-17	7.E-19	3.E-09	2.E-18	1.E-08	5.E-18	2.E-08	1.E-18	4.E-09	8.E-19	3.E-09
Bi214	2.E-23	2.E-13	3.E-28	3.E-18	7.E-23	7.E-13	2.E-26	2.E-16	3.E-21	3.E-11	2.E-21	1.E-11	3.E-22	3.E-12
C14 *	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm242*	3.E-13	2.E-07	0.	0.	6.E-12	5.E-06	0.	0.	0.	0.	1.E-08	8.E-03	5.E-11	4.E-05
Cm244*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137*	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	1.E-18	4.E-08	2.E-27	8.E-17	7.E-20	3.E-09	3.E-19	1.E-08	2.E-19	9.E-09	1.E-19	4.E-09	8.E-20	3.E-09
Fr223	7.E-27	6.E-17	7.E-25	6.E-15	1.E-20	1.E-10	2.E-25	2.E-15	1.E-24	1.E-14	4.E-18	4.E-08	5.E-20	4.E-10
I129 *	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m*	8.E-14	2.E-09	3.E-12	7.E-08	4.E-07	1.E-02	2.E-14	5.E-10	4.E-12	1.E-07	1.E-05	3.E-01	1.E-06	4.E-02
Ni63*	0.	0.	0.	0.	0.	0.	0.	0.	2.E-02	6.E+01	0.	0.	0.	0.
Np237*	2.E-09	3.E-10	3.E-13	4.E-14	2.E-06	4.E-07	5.E-14	8.E-15	2.E-13	3.E-14	2.E-04	3.E-05	7.E-06	1.E-06
Np239*	1.E-15	7.E-08	0.	0.	1.E-12	6.E-05	0.	0.	0.	0.	5.E-11	3.E-03	3.E-12	2.E-04
Pa231*	3.E-15	4.E-14	2.E-13	2.E-12	6.E-09	7.E-08	1.E-13	1.E-12	4.E-13	5.E-12	1.E-06	1.E-05	2.E-08	2.E-07
Pa233*	6.E-17	3.E-10	9.E-21	4.E-14	9.E-14	4.E-07	2.E-21	7.E-15	5.E-21	3.E-14	6.E-12	3.E-05	2.E-13	1.E-06
Pa234m	3.E-20	5.E-09	5.E-19	8.E-08	7.E-14	1.E-02	1.E-18	2.E-07	3.E-18	5.E-07	6.E-12	8.E-01	1.E-13	2.E-02
Pb209	4.E-17	4.E-08	8.E-26	8.E-17	3.E-18	3.E-09	1.E-17	1.E-08	9.E-18	9.E-09	5.E-18	4.E-09	3.E-18	3.E-09
Pb210*	1.E-18	2.E-14	3.E-23	5.E-19	4.E-18	6.E-14	1.E-21	2.E-17	2.E-18	3.E-14	1.E-16	2.E-12	3.E-17	4.E-13
Pb211	3.E-22	2.E-12	8.E-23	4.E-13	1.E-18	7.E-09	3.E-23	1.E-13	2.E-22	8.E-13	5.E-16	2.E-06	5.E-18	3.E-08
Pb214	3.E-23	2.E-13	5.E-28	3.E-18	1.E-22	7.E-13	3.E-26	2.E-16	3.E-23	2.E-13	2.E-21	1.E-11	4.E-22	3.E-12
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210*	2.E-20	2.E-14	5.E-25	5.E-19	6.E-20	6.E-14	2.E-23	1.E-17	3.E-20	3.E-14	2.E-18	2.E-12	4.E-19	4.E-13
Po213	1.E-26	4.E-08	3.E-35	8.E-17	1.E-27	3.E-09	4.E-27	1.E-08	3.E-27	9.E-09	2.E-27	4.E-09	1.E-27	3.E-09

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-103 MOLES	TANK U-103 CURIES	TANK U-104 MOLES	TANK U-104 CURIES	TANK U-105 MOLES	TANK U-105 CURIES	TANK U-106 MOLES	TANK U-106 CURIES	TANK U-107 MOLES	TANK U-107 CURIES	TANK U-108 MOLES	TANK U-108 CURIES	TANK U-109 MOLES	TANK U-109 CURIES
Po214	4.E-30	3.E-13	6.E-35	4.E-18	1.E-29	8.E-13	4.E-33	2.E-16	4.E-30	3.E-13	3.E-28	2.E-11	5.E-29	4.E-12
Po215	3.E-28	2.E-12	7.E-29	4.E-13	1.E-24	7.E-09	2.E-29	1.E-13	1.E-28	8.E-13	4.E-22	3.E-06	4.E-24	3.E-08
Po218	4.E-24	2.E-13	5.E-29	3.E-18	1.E-23	7.E-13	3.E-27	2.E-16	4.E-24	2.E-13	2.E-22	1.E-11	5.E-23	3.E-12
Pu238•	4.E-06	2.E-02	6.E-12	2.E-08	2.E-06	1.E-02	4.E-09	2.E-05	3.E-06	1.E-02	1.E-04	4.E-01	1.E-05	4.E-02
Pu239•	3.E-10	4.E-09	7.E-09	1.E-07	3.E-03	5.E-02	1.E-08	2.E-07	4.E-07	6.E-06	8.E-01	1.E+01	4.E-03	6.E-02
Pu240•	3.E-06	2.E-04	5.E-10	3.E-08	2.E-04	1.E-02	8.E-07	4.E-05	5.E-07	3.E-05	6.E-02	3.E+00	2.E-04	1.E-02
Pu241•	2.E-11	5.E-07	9.E-12	2.E-07	4.E-06	1.E-01	3.E-11	8.E-07	1.E-09	3.E-05	3.E-03	6.E+01	4.E-06	1.E-01
Ra223•	1.E-19	2.E-12	4.E-20	4.E-13	6.E-16	7.E-09	1.E-20	1.E-13	7.E-20	8.E-13	2.E-13	2.E-06	2.E-15	3.E-08
Ra225	4.E-15	4.E-08	9.E-24	8.E-17	3.E-16	3.E-09	1.E-15	1.E-08	1.E-15	9.E-09	5.E-16	4.E-09	4.E-16	3.E-09
Ra226•	1.E-15	2.E-13	1.E-20	3.E-18	3.E-15	7.E-13	9.E-19	2.E-16	1.E-15	2.E-13	7.E-14	1.E-11	1.E-14	3.E-12
Ru106•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E-06	6.E-01	0.	0.
Sb126	8.E-17	8.E-10	1.E-15	1.E-08	6.E-10	6.E-03	2.E-16	2.E-09	3.E-07	3.E+00	1.E-08	1.E-01	1.E-09	1.E-02
Sb126m	8.E-20	8.E-10	1.E-18	1.E-08	6.E-13	6.E-03	2.E-19	2.E-09	3.E-10	3.E+00	1.E-11	1.E-01	1.E-12	1.E-02
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151•	3.E-09	1.E-05	0.	0.	2.E-03	8.E+00	0.	0.	0.	0.	3.E-02	1.E+02	5.E-03	2.E+01
Sn126	2.E-10	8.E-10	4.E-09	1.E-08	2.E-03	6.E-03	6.E-10	2.E-09	1.E-08	4.E-08	3.E-02	1.E-01	4.E-03	1.E-02
Sr90•	0.	0.	0.	0.	0.	0.	0.	0.	2.E+00	2.E+04	5.E+00	6.E+04	9.E-02	1.E+03
Tc99•	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227•	2.E-15	1.E-08	8.E-20	5.E-13	2.E-15	1.E-08	2.E-20	1.E-13	1.E-19	8.E-13	3.E-13	2.E-06	2.E-13	2.E-06
Th229	8.E-10	4.E-08	2.E-18	1.E-16	5.E-11	3.E-09	2.E-10	1.E-08	2.E-10	9.E-09	9.E-11	4.E-09	7.E-11	3.E-09
Th230•	2.E-11	1.E-10	2.E-16	9.E-16	6.E-11	3.E-10	2.E-14	1.E-13	2.E-11	8.E-11	1.E-09	6.E-09	2.E-10	7.E-10
Th231•	2.E-18	2.E-10	3.E-17	4.E-09	4.E-12	5.E-04	7.E-17	9.E-09	1.E-16	2.E-08	4.E-10	5.E-02	7.E-12	9.E-04
Th234•	9.E-16	5.E-09	1.E-14	8.E-08	2.E-09	1.E-02	3.E-14	2.E-07	9.E-14	5.E-07	2.E-07	9.E-01	4.E-09	2.E-02
Tl207	4.E-23	2.E-12	1.E-23	4.E-13	2.E-19	7.E-09	4.E-24	1.E-13	2.E-23	8.E-13	6.E-17	2.E-06	7.E-19	3.E-08
U233•	1.E-05	3.E-05	2.E-14	4.E-14	5.E-07	1.E-06	3.E-06	8.E-06	3.E-06	7.E-06	1.E-06	3.E-06	6.E-07	1.E-06
U234•	7.E-07	1.E-06	5.E-12	8.E-12	8.E-07	1.E-06	7.E-10	1.E-09	5.E-07	8.E-07	5.E-05	7.E-05	2.E-06	3.E-06
U235•	5.E-07	2.E-10	8.E-06	4.E-09	9.E-01	5.E-04	2.E-05	9.E-09	3.E-05	2.E-08	1.E+02	5.E-02	2.E+00	9.E-04
U238•	6.E-05	5.E-09	1.E-03	8.E-08	1.E+02	1.E-02	2.E-03	2.E-07	6.E-03	5.E-07	1.E+04	9.E-01	3.E+02	2.E-02
Y90•	0.	0.	0.	0.	0.	0.	0.	0.	5.E-04	2.E+04	1.E-03	6.E+04	2.E-05	1.E+03
Zr93•	3.E-08	7.E-09	5.E-07	1.E-07	2.E-01	4.E-02	7.E-09	2.E-09	1.E-06	2.E-07	3.E+00	6.E-01	3.E-01	8.E-02
Ag •	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	1.E+02	0.	0.	0.	2.E+02	0.	2.E+02	0.	2.E+03	0.	2.E+05	0.	2.E+02	0.
Ba •	2.E+01	0.	0.	0.	3.E+00	0.	5.E+00	0.	5.E+00	0.	6.E+00	0.	4.E+00	0.
Bi	4.E-13	0.	2.E-21	0.	3.E-14	0.	1.E-13	0.	2.E-13	0.	7.E-14	0.	6.E-14	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-103 MOLES	TANK U-103 CURIES	TANK U-104 MOLES	TANK U-104 CURIES	TANK U-105 MOLES	TANK U-105 CURIES	TANK U-106 MOLES	TANK U-106 CURIES	TANK U-107 MOLES	TANK U-107 CURIES	TANK U-108 MOLES	TANK U-108 CURIES	TANK U-109 MOLES	TANK U-109 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ca	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	2.E-13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.E+05	0.	0.	0.
Fe	0.	0.	0.	0.	0.	0.	7.E-07	0.	5.E-02	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	9.E+08	0.	0.	0.	0.	0.	0.	0.	1.E+05	0.	1.E+07	0.	0.	0.
Na	9.E+06	0.	4.E+04	0.	0.	0.	0.	0.	1.E+05	0.	1.E+07	0.	0.	0.
Ni	0.	0.	0.	0.	0.	0.	0.	0.	2.E+02	0.	0.	0.	0.	0.
OH	3.E+02	0.	2.E-03	0.	9.E+02	0.	5.E+02	0.	6.E+03	0.	7.E+05	0.	1.E+03	0.
PO4	0.	0.	0.	0.	0.	0.	0.	0.	1.E-14	0.	0.	0.	0.	0.
Pb	4.E-12	0.	6.E-18	0.	9.E-13	0.	1.E-12	0.	4.E-12	0.	2.E-11	0.	2.E-12	0.
SiO3	0.	0.	2.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	2.E+01	0.	0.	0.	3.E+00	0.	5.E+00	0.	5.E+00	0.	6.E+00	0.	4.E+00	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	4.E-05	0.	6.E-08	0.	2.E-01	0.	1.E+00	0.	7.E-01	0.	5.E+00	0.	1.E-01	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK U-110 MOLES	TANK U-110 CURIES	TANK U-111 MOLES	TANK U-111 CURIES	TANK U-112 MOLES	TANK U-112 CURIES	TANK U-201 MOLES	TANK U-201 CURIES	TANK U-202 MOLES	TANK U-202 CURIES	TANK U-203 MOLES	TANK U-203 CURIES	TANK U-204 MOLES	TANK U-204 CURIES
Ac225	9.E-16	1.E-08	2.E-15	2.E-08	1.E-15	2.E-08	0.	0.	0.	0.	0.	0.	0.	0.
Ac227	1.E-08	2.E-04	2.E-10	3.E-06	7.E-12	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Am241	1.E-01	9.E+01	5.E-03	4.E+00	6.E-04	5.E-01	1.E-07	1.E-04	1.E-07	1.E-04	1.E-07	1.E-04	0.	0.
Am242	4.E-10	8.E-02	2.E-11	4.E-03	2.E-12	5.E-04	2.E-15	4.E-07	6.E-16	1.E-07	6.E-16	1.E-07	0.	0.
Am242m	3.E-05	8.E-02	2.E-06	4.E-03	2.E-07	5.E-04	2.E-10	4.E-07	5.E-11	1.E-07	5.E-11	1.E-07	0.	0.
Am243	5.E-04	2.E-02	2.E-05	1.E-03	3.E-06	1.E-04	1.E-09	7.E-08	1.E-09	7.E-08	1.E-09	7.E-08	0.	0.
At217	3.E-23	1.E-08	6.E-23	2.E-08	5.E-23	2.E-08	0.	0.	0.	0.	0.	0.	0.	0.
Ba137m	0.	0.	3.E-07	2.E+04	0.	0.	2.E-07	2.E+04	3.E-07	2.E+04	2.E-07	2.E+04	0.	0.
Bi210	2.E-17	4.E-10	2.E-19	5.E-12	5.E-20	1.E-12	5.E-22	1.E-14	7.E-22	2.E-14	6.E-22	2.E-14	0.	0.
Bi211	2.E-15	2.E-04	9.E-17	8.E-06	1.E-18	1.E-07	1.E-17	1.E-06	1.E-17	1.E-06	1.E-17	1.E-06	0.	0.
Bi213	3.E-18	1.E-08	6.E-18	2.E-08	4.E-18	2.E-08	6.E-19	2.E-09	6.E-19	3.E-09	5.E-19	2.E-09	0.	0.
Bi214	3.E-19	2.E-09	3.E-21	3.E-11	7.E-22	6.E-12	8.E-24	7.E-14	1.E-23	1.E-13	9.E-24	9.E-14	0.	0.
C14	9.E-04	5.E-02	0.	0.	6.E-11	4.E-09	0.	0.	0.	0.	2.E-15	1.E-13	0.	0.
Cm242	8.E-08	6.E-02	4.E-09	3.E-03	5.E-10	4.E-04	0.	0.	0.	0.	0.	0.	0.	0.
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs137	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fr221	3.E-19	1.E-08	5.E-19	2.E-08	4.E-19	2.E-08	0.	0.	0.	0.	0.	0.	0.	0.
Fr223	3.E-16	2.E-06	4.E-18	4.E-08	2.E-19	2.E-09	0.	0.	0.	0.	0.	0.	0.	0.
I129	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	5.E-04	1.E+01	4.E-05	1.E+00	2.E-06	5.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Ni63	0.	0.	3.E-03	1.E+01	0.	0.	4.E-03	2.E+01	5.E-03	2.E+01	7.E-03	3.E+01	0.	0.
Np237	4.E-03	6.E-04	2.E-04	4.E-05	6.E-06	1.E-06	0.	0.	0.	0.	0.	0.	0.	0.
Np239	4.E-10	2.E-02	2.E-11	1.E-03	2.E-12	1.E-04	0.	0.	0.	0.	0.	0.	0.	0.
Pa231	5.E-05	6.E-04	7.E-07	7.E-06	5.E-08	6.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Pa233	1.E-10	6.E-04	8.E-12	4.E-05	2.E-13	1.E-06	0.	0.	0.	0.	0.	0.	0.	0.
Pa234m	2.E-10	3.E+01	2.E-12	3.E-01	4.E-13	7.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Pb209	1.E-17	1.E-08	2.E-17	2.E-08	2.E-17	2.E-08	0.	0.	0.	0.	0.	0.	0.	0.
Pb210	2.E-14	4.E-10	3.E-16	4.E-12	7.E-17	1.E-12	0.	0.	0.	0.	0.	0.	0.	0.
Pb211	3.E-14	2.E-04	5.E-16	3.E-06	2.E-17	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Pb214	3.E-19	2.E-09	3.E-21	2.E-11	9.E-22	6.E-12	0.	0.	0.	0.	0.	0.	0.	0.
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	4.E-16	4.E-10	5.E-18	4.E-12	1.E-18	1.E-12	0.	0.	0.	0.	0.	0.	0.	0.
Po213	4.E-27	1.E-08	8.E-27	2.E-08	6.E-27	2.E-08	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-110 MOLES	TANK U-110 CURIES	TANK U-111 MOLES	TANK U-111 CURIES	TANK U-112 MOLES	TANK U-112 CURIES	TANK U-201 MOLES	TANK U-201 CURIES	TANK U-202 MOLES	TANK U-202 CURIES	TANK U-203 MOLES	TANK U-203 CURIES	TANK U-204 MOLES	TANK U-204 CURIES
Po214	4.E-26	3.E-09	4.E-28	3.E-11	1.E-28	8.E-12	0.	0.	0.	0.	0.	0.	0.	0.
Po215	3.E-20	2.E-04	4.E-22	3.E-06	2.E-23	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Po218	4.E-20	2.E-09	4.E-22	2.E-11	1.E-22	6.E-12	0.	0.	0.	0.	0.	0.	0.	0.
Pu238	9.E-03	4.E+01	4.E-05	2.E-01	2.E-05	7.E-02	6.E-07	3.E-03	8.E-07	3.E-03	7.E-07	3.E-03	0.	0.
Pu239	1.E+01	2.E+02	2.E-01	2.E+00	2.E-02	3.E-01	6.E-12	9.E-11	9.E-12	1.E-10	8.E-12	1.E-10	0.	0.
Pu240	8.E-01	4.E+01	8.E-03	5.E-01	9.E-04	5.E-02	8.E-08	4.E-06	1.E-07	5.E-06	9.E-08	5.E-06	0.	0.
Pu241	2.E-02	4.E+02	2.E-04	4.E+00	2.E-05	4.E-01	6.E-13	1.E-08	8.E-13	2.E-08	7.E-13	2.E-08	0.	0.
Ra223	1.E-11	2.E-04	2.E-13	3.E-06	1.E-14	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Ra225	1.E-15	1.E-08	2.E-15	2.E-08	2.E-15	2.E-08	0.	0.	0.	0.	0.	0.	0.	0.
Ra226	1.E-11	2.E-09	1.E-13	2.E-11	3.E-14	6.E-12	0.	0.	0.	0.	0.	0.	0.	0.
Ru106	9.E-08	3.E-02	3.E-09	1.E-03	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sb126	3.E-07	3.E+00	1.E-07	1.E+00	2.E-09	2.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Sb126m	3.E-10	3.E+00	1.E-10	1.E+00	2.E-12	2.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	1.E+00	4.E+03	7.E-02	3.E+02	8.E-03	3.E+01	8.E-09	3.E-05	7.E-09	3.E-05	7.E-09	3.E-05	0.	0.
Sn126	9.E-01	3.E+00	6.E-02	2.E-01	7.E-03	2.E-02	3.E-11	1.E-10	3.E-15	1.E-14	1.E-11	5.E-11	0.	0.
Sr90	3.E+01	4.E+05	2.E+00	3.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	2.E-11	2.E-04	4.E-13	2.E-06	2.E-14	1.E-07	2.E-13	1.E-06	2.E-13	1.E-06	2.E-13	1.E-06	0.	0.
Th229	2.E-10	1.E-08	4.E-10	2.E-08	3.E-10	2.E-08	5.E-11	2.E-09	5.E-11	3.E-09	5.E-11	2.E-09	0.	0.
Th230	1.E-07	7.E-07	1.E-09	5.E-09	4.E-10	2.E-09	5.E-12	2.E-11	6.E-12	3.E-11	6.E-12	3.E-11	0.	0.
Th231	9.E-09	1.E+00	1.E-10	1.E-02	2.E-11	3.E-03	1.E-18	1.E-10	2.E-26	2.E-18	2.E-26	2.E-18	0.	0.
Th234	5.E-06	3.E+01	5.E-08	3.E-01	1.E-08	7.E-02	5.E-16	2.E-09	4.E-30	2.E-23	4.E-30	2.E-23	0.	0.
Tl207	4.E-15	2.E-04	7.E-17	3.E-06	3.E-18	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
U233	3.E-06	7.E-06	8.E-06	2.E-05	5.E-06	1.E-05	9.E-07	2.E-06	1.E-06	2.E-06	9.E-07	2.E-06	0.	0.
U234	4.E-03	5.E-03	3.E-05	4.E-05	9.E-06	1.E-05	1.E-07	2.E-07	2.E-07	3.E-07	2.E-07	2.E-07	0.	0.
U235	2.E+03	1.E+00	2.E+01	1.E-02	6.E+00	3.E-03	2.E-07	1.E-10	5.E-15	2.E-18	4.E-15	2.E-18	0.	0.
U238	3.E+05	3.E+01	4.E+03	3.E-01	9.E+02	7.E-02	3.E-05	2.E-09	3.E-19	2.E-23	3.E-19	2.E-23	0.	0.
Y90	8.E-03	4.E+05	6.E-04	3.E+04	0.	0.	1.E-07	7.E+00	1.E-07	6.E+00	2.E-07	1.E+01	0.	0.
Zr93	8.E+01	2.E+01	5.E+00	1.E+00	6.E-01	1.E-01	0.	0.	0.	0.	0.	0.	0.	0.
Ag	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	2.E+06	0.	2.E+05	0.	2.E+04	0.	6.E+00	0.	5.E+00	0.	5.E+00	0.	0.	0.
Ba	5.E+00	0.	1.E+01	0.	7.E+00	0.	1.E+00	0.	1.E+00	0.	1.E+00	0.	0.	0.
Bi	6.E+04	0.	6.E+03	0.	7.E+02	0.	4.E-14	0.	4.E-14	0.	4.E-14	0.	0.	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK U-110 MOLES	TANK U-110 CURIES	TANK U-111 MOLES	TANK U-111 CURIES	TANK U-112 MOLES	TANK U-112 CURIES	TANK U-201 MOLES	TANK U-201 CURIES	TANK U-202 MOLES	TANK U-202 CURIES	TANK U-203 MOLES	TANK U-203 CURIES	TANK U-204 MOLES	TANK U-204 CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	1.E+05	0.	0.	0.	2.E-05	0.	0.	0.	0.	0.	3.E-10	0.	0.	0.
Ca	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	4.E+05	0.	4.E+04	0.	5.E+03	0.	9.E-13	0.	7.E-14	0.	7.E-14	0.	0.	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	5.E+04	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe	2.E+05	0.	2.E+04	0.	2.E+03	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	6.E+06	0.	1.E+07	0.	1.E+07	0.	1.E+06	0.	1.E+06	0.	1.E+06	0.	0.	0.
Na	6.E+06	0.	1.E+07	0.	1.E+07	0.	1.E+06	0.	1.E+06	0.	1.E+06	0.	0.	0.
Ni	0.	0.	5.E+01	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OH	8.E+06	0.	7.E+05	0.	7.E+04	0.	2.E+01	0.	2.E+01	0.	1.E+01	0.	0.	0.
PO4	6.E+04	0.	3.E+04	0.	2.E+05	0.	9.E+03	0.	9.E+03	0.	8.E+03	0.	0.	0.
Pb	3.E-09	0.	6.E-11	0.	3.E-12	0.	0.	0.	0.	0.	0.	0.	0.	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	5.E+00	0.	1.E+01	0.	7.E+00	0.	1.E+00	0.	1.E+00	0.	1.E+00	0.	0.	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	2.E+04	0.	2.E+03	0.	2.E+02	0.	1.E-03	0.	1.E-03	0.	1.E-03	0.	0.	0.

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ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981

COMPONENT	TANK O-D-S MOLES	TANK O-D-S CURIES	TANK UR MOLES	TANK UR CURIES	TANK CSR MOLES	TANK CSR CURIES	TANK SRR MOLES	TANK SRR CURIES	TANK 242-B MOLES	TANK 242-B CURIES	TANK 242-T MOLES	TANK 242-T CURIES
Ac225	0.	0.	1.E-14	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Ac227	0.	0.	1.E-06	2.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Am241	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Am242	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Am242m	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Am243	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
At217	0.	0.	4.E-22	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Ba137m	0.	0.	0.	0.	1.E-03	8.E+07	0.	0.	0.	0.	0.	0.
Bi210	0.	0.	8.E-16	2.E-08	0.	0.	0.	0.	0.	0.	0.	0.
Bi211	0.	0.	2.E-13	2.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Bi213	0.	0.	4.E-17	2.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Bi214	0.	0.	1.E-17	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
C14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm242	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm244	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cm245	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cs135	0.	0.	0.	0.	1.E+03	2.E+02	0.	0.	0.	0.	0.	0.
Cs137	0.	0.	0.	0.	7.E+03	8.E+07	0.	0.	0.	0.	0.	0.
Fr221	0.	0.	4.E-18	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Fr223	0.	0.	3.E-14	3.E-04	0.	0.	0.	0.	0.	0.	0.	0.
I129	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Nb93m	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ni63	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Np237	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Np239	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Pa231	0.	0.	6.E-03	6.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Pa233	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Pa234m	0.	0.	2.E-08	3.E+03	0.	0.	0.	0.	0.	0.	0.	0.
Pb209	0.	0.	2.E-16	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Pb210	0.	0.	1.E-12	2.E-08	0.	0.	0.	0.	0.	0.	0.	0.
Pb211	0.	0.	4.E-12	2.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Pb214	0.	0.	2.E-17	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Pd107	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Po210	0.	0.	2.E-14	2.E-08	0.	0.	0.	0.	0.	0.	0.	0.
Po213	0.	0.	5.E-26	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK 0-0-S MOLES	TANK 0-0-S CURIES	TANK UR MOLES	TANK UR CURIES	TANK CSR MOLES	TANK CSR CURIES	TANK SRR MOLES	TANK SRR CURIES	TANK 242-B MOLES	TANK 242-B CURIES	TANK 242-T MOLES	TANK 242-T CURIES
Po214	0.	0.	2.E-24	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Po215	0.	0.	3.E-18	2.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Po218	0.	0.	2.E-18	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Pu238	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Pu239	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Pu240	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Pu241	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ra223	0.	0.	2.E-09	2.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Ra225	0.	0.	2.E-14	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Ra226	0.	0.	5.E-10	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Ru106	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sb126	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sb126m	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Se79	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sm151	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sn126	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sr90	0.	0.	0.	0.	0.	0.	3.E+03	3.E+07	0.	0.	0.	0.
Tc99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Th227	0.	0.	3.E-09	2.E-02	0.	0.	0.	0.	0.	0.	0.	0.
Th229	0.	0.	3.E-09	1.E-07	0.	0.	0.	0.	0.	0.	0.	0.
Th230	0.	0.	6.E-06	3.E-05	0.	0.	0.	0.	0.	0.	0.	0.
Th231	0.	0.	9.E-07	1.E+02	0.	0.	0.	0.	0.	0.	0.	0.
Th234	0.	0.	5.E-04	3.E+03	0.	0.	0.	0.	0.	0.	0.	0.
Tl207	0.	0.	5.E-13	2.E-02	0.	0.	0.	0.	0.	0.	0.	0.
U233	0.	0.	3.E-05	6.E-05	0.	0.	0.	0.	0.	0.	0.	0.
U234	0.	0.	1.E-01	2.E-01	0.	0.	0.	0.	0.	0.	0.	0.
U235	0.	0.	2.E+05	1.E+02	0.	0.	0.	0.	0.	0.	0.	0.
U238	0.	0.	3.E+07	3.E+03	0.	0.	0.	0.	0.	0.	0.	0.
Y90	0.	0.	0.	0.	0.	0.	7.E-01	3.E+07	0.	0.	0.	0.
Zr93	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ag	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Al	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ba	0.	0.	0.	0.	2.E+03	0.	0.	0.	0.	0.	0.	0.
Bi	0.	0.	4.E-12	0.	0.	0.	0.	0.	0.	0.	0.	0.
C2H3O3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

ESTIMATED WASTE TANK INVENTORIES -- SOLIDS 1 ST QUARTER, 1981 -- CONTINUED

COMPONENT	TANK O-O-S MOLES	TANK O-O-S CURIES	TANK UR MOLES	TANK UR CURIES	TANK CSR MOLES	TANK CSR CURIES	TANK SRR MOLES	TANK SRR CURIES	TANK 242-B MOLES	TANK 242-B CURIES	TANK 242-T MOLES	TANK 242-T CURIES
C6H5O7	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
CO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ca	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ce	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cl	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Cr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
EDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
F	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Fe(CN)6	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
HEDTA	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
K	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
La	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Mn	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO2	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
NO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Na	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Ni	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
OH	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
PO4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Pb	0.	0.	4.E-07	0.	0.	0.	0.	0.	0.	0.	0.	0.
SiO3	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
SO4	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
Sr	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
ZrO	0.	0.	0.	0.	0.	0.	5.E+02	0.	0.	0.	0.	0.
							5.E+02	0.	0.	0.	0.	0.

ASSUMPTIONS USED IN THIS MODEL ARE STATED AT END OF REPORT

A S S U M P T I O N S

1. THE PERIOD OF THE SIMULATION IS 1944 THROUGH 1980.

2. DECAY IS BASED UPON THE ORIGEN CODE.

3. RADIONUCLIDE CONCENTRATIONS IN WASTE STREAMS ARE BASED UPON RHO-CD-425 FOR NP (DURING NP RECOVERY), PU, AND U, AND ON REACTOR RECORDS FOR ALL OTHERS. NUCLIDES ARE PARTITIONED BETWEEN PU RECOVERY PLANTS BASED ON RECORDS FOR FOR EACH PLANT, AND BETWEEN WASTE STREAMS FOR EACH PLANT BASED ON FLOWSHEETS. CONCENTRATIONS ARE NORMALIZED TO TOTAL WASTE STREAM VOLUMES FOR EACH QUARTER. TH FROM THE THORIUM CAMPAIGNS WAS NOT INCLUDED BECAUSE OF THE LOW SPECIFIC ACTIVITY OF TH232 (NOT A TRAC COMPONENT) AND THE SMALL AMOUNT OF FUEL THAT WAS PROCESSED.

4. THE FOLLOWING RADIONUCLIDES ARE MANIPULATED AS OXYIONS: NBO2, NPO2, PAO2, PO O, UO2, AND ZRO AS OXYCATIONS AND CO3, SEO4, AND TCO4 AS OXYANIONS.

5. STABLE CHEMICALS ARE INCORPORATED INTO WASTE STREAMS ACCORDING TO PROCESS FLOWSHEETS. CONCENTRATIONS ARE NOT NORMALIZED TO TOTAL WASTE STREAM VOLUME.

6. NA AND NO3 ARE USED TO BALANCE THE CHARGE FOR EACH WASTE STREAM.

7. WHEN THE COMPOSITION OF A SCAVENGE ADDITION IS UNKNOWN, THE ADDITION IS BASED ON DATA FOR SCAVENGING OTHER TANKS IN THE SAME TANK FARM.

8. THE ORDER IN WHICH TRANSACTIONS ARE SIMULATED IN A QUARTER IS STATED IN THE TRANSACTIONS FILE.

9. WHEN ACTUAL WASTE TEMPERATURES ARE NOT KNOWN, TEMPERATURES ARE ASSUMED ACCORDING TO RHO-CD-1172.

10. VOLUMES OF WASTE ARE LINEARLY ADDITIVE.

11. CHANGES IN THE TOTAL WASTE VOLUME IN A TANK WHICH ARE NOT THE RESULT OF WASTE MANAGEMENT TRANSACTIONS ARE ASSUMED TO BE DUE TO THE GAIN OR LOSS OF WATER.

12. PHASE VOLUMES ARE CALCULATED BASED UPON MEASURED TOTAL VOLUME AND A SOLIDS DENSITY OF 1.8 G/CM**3.

13. THE VOLUME OF WASTE TRANSFERRED DURING ANY TRANSACTION IS THE MINIMUM OF THE VOLUME STATED IN THE TRANSACTION OR THE AVAILABLE PHASE VOLUME.

14. TANKS IN A CASCADE ARE EVALUATED TWO AT A TIME. SOLIDS THAT PRECIPITATE ARE DISTRIBUTED 90% TO THE FIRST TANK AND 10% TO THE SOLUTION PHASE OF THE SECOND. OVERFLOWS TO A CRIB FROM THE LAST TANK IN A CASCADE ARE RECORDED BY DATE, SOURCE TANK, AND INVENTORY, AND REPORTED AS AN OUT OF SYSTEM LOSS.

A S S U M P T I O N S

15. SOLID TRANSFERS TO WASTE FRACTIONIZATION ARE DISTRIBUTED 80% TO THE PROCESS AND 20% TO TANKS AS UNDIGESTED WASTE.

16. WHEN MORE THAN ONE TANK RECEIVES WASTE FROM ITS IN A QUARTER, THE COMPONENTS ARE PARTITIONED BETWEEN THE SOLID AND SOLUTION PHASES OF EACH TANK INDIVIDUALLY. THE SOLUABLE COMPONENTS ARE THEN DISTRIBUTED AMONG ALL TANKS IN THE GROUP TO PROVIDE EQUAL SOLUTION CONCENTRATIONS FOR ALL COMPONENTS AND SOLUTION VOLUMES PROPORTIONAL TO THOSE BEFORE THE TRANSACTION.

17. HEDTA IS THERMALLY DESTROYED IN AN EVAPORATOR THAT OPERATES AT ATMOSPHERIC PRESSURE. SINCE NO TRANSFERS THROUGH THE 242-B EVAPORATOR HAVE BEEN IDENTIFIED, THE DESTRUCTION IS ONLY SIMULATED FOR THE 242-T EVAPORATOR.

18. METAL-LIGAND COMPLEXES ARE TOTALLY SOLUBLE.

19. WHEN PRECIPITATED, SOLIDS SETTLE IMMEDIATELY FROM THE SOLUTION PHASE.

20. OH IS ADDED DURING PRECIPITATION AS NEEDED TO MAINTAIN THE PH AT OR ABOVE 10.0.

21. CATIONS THAT COMPLEX WITH LIGANDS PRECIPITATE ONLY WITH OH AT PH 10.0.

22. THE SOLUBILITIES OF CATIONS THAT DO NOT COMPLEX ARE EVALUATED IN ORDER OF DESCENDING PRECIPITATION POTENTIAL (PHI). PHI IS THE PRODUCT OF THE INITIAL CONCENTRATIONS OF EACH ION IN THE COMPOUND RAISED TO ITS STOICHIOMETRIC COEFFICIENT AND DIVIDED BY THE KSP.

23. AL PRECIPITATES AS AL(OH)3 AT AND BELOW OH CONCENTRATIONS OF 1.6 MOLAR AND AS NAAL(OH)4 AT OH CONCENTRATIONS ABOVE 1.6 MOLAR.

24. THE CONCENTRATION OF TOTAL AL AND AL(OH)4 ARE EQUAL ABOVE OH CONCENTRATIONS OF 1.6 MOLAR. THE KSP IS EVALUATED AS THE PRODUCT OF NA AND AL TO SIMULATE NA[AL(OH)4] PRECIPITATION.

25. PRECIPITATION OF NAUO2PO4 AND NA4UO2(CO3)3 DO NOT SIGNIFICANTLY CHANGE THE INITIAL CONCENTRATION OF NA IN SOLUTION. WHILE THIS IS NOT VALID FOR METAL WASTE, SUBSEQUENT URANIUM RECOVERY LIMITS THE IMPACT OF THIS ASSUMPTION.

26. A TOTAL OF 63 INSOLUBLE COMPOUNDS CAN PRECIPITATE. SOLUBILITY PRODUCTS FOR EACH ARE LISTED IN APPENDIX C-2C AS A FUNCTION OF MOLARITY AND TEMPERATURE.

27. A TOTAL OF 18 METALS FORM COMPLEXES WITH AS MANY AS 4 LIGANDS IN STOICHIOMETRIC RATIOS OF 1:1. THE STABILITY CONSTANTS AT 20-25 DEGREES C AND PH OF 10.0 ARE ASSUMED TO BE VALID FOR ALL TEMPERATURES AND ARE LISTED IN APPENDIX C-2B.

A S S U M P T I O N S

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COMPOSITION DATA FILE	---	MARCH 11, 1985
TRANSACTION DATA FILE	---	MARCH 11, 1985
TRAC MODEL	---	MARCH 12, 1985