UNITED NUCLEAR INDUSTRIES, INC.

DISTRIBUTION:

AE Brown
KR Price, ARHCO
HF Tew
File

DATE April 1, 1976

TO → JL Calder, ARHCO

FROM EA Weakley

SUBJECT WASTE CHEMICAL DISPOSAL

On October 3, 1975, you sent me a list of some of the liquid waste chemicals that ARHCO would like to dispose of in UNI's waste facility. Of the 12 items on the list, only one was processed through UNI (9 55-gallon drums of synthetic salt solution) and one was removed from the list for future use by ARHCO (660 gallons of $Cd(NO_3)_2$ solution). The remaining items you had listed and our sampling requirements are as follows:

Chemical	Quantity, gal.
* Turco Contan-AFF-1	5
* Turco 5106	55
* Turco Contan-AFF Perminate	55
* Gluconic Acid	10
* 50% Polyringl Compound	15
* Jefferson Firesorb TM	5
* Zep S.F.-966	55
** Sulfuric Acid	51
** $AgNO_3$ Solution	10
** Phosphoric Acid	600

FEB 1991 RECEIVED EDMC

* Will require a sample for compatibility tests and heavy metals.
** Would require a sample if it is a used solution.

In addition, we have disposed of 299 gallons of used battery acid from ARHCO's 1171 and 234-5 Bldgs and have the approvals for disposing of 70 gallons of used battery acid from the 284-E and 284-W Bldgs.

We have extended our disposal service to readily water soluble solid chemicals that are compatible with our chemical wastes. Some of the salts, acids and bases we have disposed of or have approval to dispose of are: oxalic acid, citric acid, sulfamic acid, CrO_3, $KMnO_4$, NaOH, $Na_2S_2O_4 \cdot H_2O$, Na_2SO_3, $Na_2HAsO_4 \cdot 7H_2O$, $NaNO_3$, $(NH_4)_2HPO_4$ and proprietary cleaning cpmpounds containing solid acids, bases and EDTA.

When submitting samples to UNI for compatibility tests, I would suggest using a 4 oz. plastic bottle for liquids and a 4 oz. wide mouth glass or plastic bottle for solids.

If you have any other questions, please give me a call.

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME John Fouts TELEPHONE 2-2457

BUILDING/AREA 200E/Purex

II. IDENTIFICATION OF MATERIAL

~~TRADE~~ NAME Septic tank effluent 1400gal.

CHEMICAL NAME

STORAGE LOCATION 2707 BY Drain field

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

III. PACKAGING

LIQUID ✓ SOLID ____ GAS ____

NUMBER OF CONTAINERS ____ WEIGHT ____ EA. VOLUME ____ EA.

TYPE OF CONTAINER ____ AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Relief for plugged Septic Tank

V. DATE DISPOSAL REQUIRED

1/5/76

VI. COMMENTS

APPROVED FOR DISPOSAL
BY
DATE 1/5/76

DISPOSAL LOCATION Land Fill - Chemical trench
BY Robert A Leopard
DATE 1-5-76

0000002

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME T. J. McLaughlin TELEPHONE 946-2737

BUILDING/AREA OSB/3000

II. IDENTIFICATION OF MATERIAL

TRADE NAME _____

CHEMICAL NAME Bromo-napthalene

STORAGE LOCATION PSL

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES _____ NO X

III. PACKAGING

LIQUID X SOLID _____ GAS _____

NUMBER OF CONTAINERS 1 WEIGHT 3 lbs EA. VOLUME _____ EA.

TYPE OF CONTAINER glass AGE OF CONTAINER _____

IV. REASON FOR DISPOSAL

Old, no longer useful chemical.

V. DATE DISPOSAL REQUIRED

5/1/76

VI. COMMENTS

APPROVED FOR DISPOSAL
BY J. T. Caldwell
DATE 4-2-76

DISPOSAL LOCATION _____

BY _____
DATE _____

0000003

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME T. J. McLaughlin TELEPHONE 946-2737

BUILDING/AREA OSB/3000

II. IDENTIFICATION OF MATERIAL

TRADE NAME _____

CHEMICAL NAME Carbon tetrachloride

STORAGE LOCATION PSL

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES _____ NO X

III. PACKAGING

LIQUID X SOLID _____ GAS _____

NUMBER OF CONTAINERS 1 WEIGHT _____ EA. VOLUME 5 gal EA.

TYPE OF CONTAINER _____ AGE OF CONTAINER _____

IV. REASON FOR DISPOSAL

Old and safety hazard

V. DATE DISPOSAL REQUIRED

5/1/76

VI. COMMENTS

There is no other disposal option.

APPROVED FOR DISPOSAL
BY _____
DATE 4-2-76

DISPOSAL LOCATION _____
BY _____
DATE _____

0000004

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME W W BIGLIN TELEPHONE 2-3930

BUILDING/AREA 335 / 300

II. IDENTIFICATION OF MATERIAL

TRADE NAME SODIUM OXIDES / Hydroxides

CHEMICAL NAME "

STORAGE LOCATION 3718 F

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID ____ . SOLID X GAS ____

NUMBER OF CONTAINERS 25 WEIGHT 25 EA. VOLUME ____ EA.

TYPE OF CONTAINER 55 GAL DRUM AGE OF CONTAINER —

IV. REASON FOR DISPOSAL

Drums (scrap metal) contain Sodium oxides. film which form after drum has been cleaned.

V. DATE DISPOSAL REQUIRED

4-21-76

VI. COMMENTS

Sodium oxides / Hydroxide Toxic to skin. Wear gloves and Eye protection while handling. WASH FACE & HANDS AFTER HANDLING

APPROVED FOR DISPOSAL
BY [signature]
DATE 4-20-76

DISPOSAL LOCATION Chemical Trench
BY [signature]
DATE 4-21-76

0000005

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME TERRY J VOLKMAN TELEPHONE 2-6590

BUILDING/AREA 1100/1166

II. IDENTIFICATION OF MATERIAL

TRADE NAME 37% HYDROCHLORIC & 70% NITRIC ACID

CHEMICAL NAME _____

STORAGE LOCATION QC INSPECTION 1166

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID X SOLID ____ GAS ____

NUMBER OF CONTAINERS 2. WEIGHT 6+7 LBS EA. VOLUME ____ EA.

TYPE OF CONTAINER GLASS AGE OF CONTAINER UNKNOWN

IV. REASON FOR DISPOSAL

NOT NEEDED IN THIS AREA.

V. DATE DISPOSAL REQUIRED

5-1-76

VI. COMMENTS

APPROVED FOR DISPOSAL
BY _____
DATE _____

DISPOSAL LOCATION _____
BY _____
DATE _____

0000006

54-3000-101 (9-59)

DON'T SAY IT --- *Write It!*

DATE 5-4-7C

TO Terry Bolkman FROM John Calder

Could you please fill in this form and return to me at 2719 WA/20 cmd. Thanks

26048

"TO MAKE LIFE LAST, PUT SAFETY FIRST"

54-3000-101 (9-59)

DON'T SAY IT --- *Write It!*

DATE _____

TO _____ FROM _____

Terry Bolkman
2-6590
1166/231

"TO MAKE LIFE LAST, PUT SAFETY FIRST"

000007

CHEMICAL WASTE DISPOSAL PERMIT

Date May 4, 1976 Permit No. _____

Quantity 2 gal (1 ea.)

Nature and Source of Material (acid, basic, neutral, pH, organic, solid)

HCl - Acid stored unknown length of time in Cen. Stores

HNO_3 - " " " " " " " " "

Major Pollutants (Heavy metals, Be, U, Cations, Anions, etc.)

None

Disposal Procedures (By QC & E)

Submitted By J. L. Palder, ARHCO

Approved By _____
Manager, Quality Control & Engineering

Approved By _____
Manager, Environmental & Radiation Control

Accepted By _____
Manager, Shop Operations

Accepted By _____
Manager, Materials

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME R.F. Hultman/T.J. McLaughlin TELEPHONE 942-3045, 946-2737

BUILDING/AREA 331/300 OSB/3000

II. IDENTIFICATION OF MATERIAL

TRADE NAME See enclosed sheet

CHEMICAL NAME

STORAGE LOCATION 331 Bldg. 2nd floor (now); Will be on loading dock

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID ____ SOLID X GAS ____

NUMBER OF CONTAINERS 1 WEIGHT ~100 EA. VOLUME 2 $ft.^3$ EA.

TYPE OF CONTAINER 55 gallon drum AGE OF CONTAINER ~5 years

IV. REASON FOR DISPOSAL

Old, no longer useful reagent grade chemicals

V. DATE DISPOSAL REQUIRED

~May 15, 1976

VI. COMMENTS

Chemicals (all solids) will be packaged with vermiculite in 55 gallon drum

APPROVED FOR DISPOSAL
BY 12 May 76
DATE

DISPOSAL LOCATION Chemical Trench
BY
DATE 5-19-76

0000009

Acid Aminonaphihol-Sulfonic	250 gm
Aluminum Sulfate	1/2 lb
1-Amino-2-Napthol-4-Sulfonic Acid	50 gm
Ammonium Acetate	50 gm
Ammonium Formate	200 gm
Ammonium Phosphate-dibasic	2/4 lb
Ammonium Sulfamate	500 gm
Aniline Hydrochloride	100 gm
p-Bromaniline	100 gm
Brucine Sulfate	70 gm
Calcium Nitrate	1/2 lb
Chloroanilic Acid	50 gm
DL-Citrulline	25 gm
p-Dimethylamino Benzaldehyde Ethylenediamine Dihydrochloride	500 gm
1-Hydroxy-2-acetonapthone	50 gm
1-Hydroxy-2-napthoic Acid	400 gm
Lithium Nitrate Crystal	1/2 lb
Lloyd Reagent Alkaloid	1/2 lb
Magnesium Nitrate	1 lb
Manganous Sulfate	1/2 lb
Napthol	100 gm
p-Nitroaniline	100 gm
Phenyl Mercury Chloride	1/4 lb
Potassium Citrate	1/4 lb
Quinidine Sulfate	1 oz
Rosin	1/2 lb
Sodium Bromide	1/2 lb
Sodium Formate	1/4 lb
Sodium Molybdate	2 1/2 lb
Succinic Acid Disodium Salt	200 gm
Sulfo Salicylic Acid Trikete hydrindene	5 gm
Tripyridine	2 gm
2,4-D	100 gm
Ferric Chloride	1/4 lb
1-10-(ortho) Phenanthralin Monohydrate	100 gm
p-Toluene Sulfonic Acid	250 gm

JLC:pvb
5/12/76

May 12, 1976

Battelle Memorial Institute
Pacific Northwest Laboratories
Richland, Washington 99352

Attention: Mr. T. J. McLaughlin, Engineer
Environmental Evaluations/Waste Disposal
Occupational & Environmental Safety

Subject: DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

Gentlemen:

Attached is a revised list of waste chemicals that is approved for burial. Each item must be plastic bagged prior to packing in vermiculite and sealed in a drum. I have excluded the following five items: 1) m-Dinitrobenzene, 2) magnesium metal, 3) acetylcholine bromide, 4) 8-hydroxy quinolene, and 5) sodium chromate-crystal.

We cannot accept item 1 because it is of an explosive nature; item 2 should be resubmitted separately with more information as to packaging, etc.; items 3, 4, and 5 are carcinogens and require concrete encasement before burial in the landfill. If you have any knowledge of other explosives or carcinogens on the attached list, please remove them prior to burial. As you know, M. E. Clark (942-6178) ARHCO TUMS, must be contacted for transportation and landfill burial arrangements.

For your information, the references I normally use to determine the hazards associated with waste chemicals are "Dangerous Properties of Industrial Materials" by N. Irving Sax and "Toxic and Hazardous Industrial Chemicals Safety Manual" edited by the International Technical Information Institute.

If you have any questions, please do not hesitate to telephone me at 942-2251.

Very truly yours,

John L. Calder

J. L. Calder
Environmental Engineer
Environmental & Occupational Safety

JLC:pvb

Atts.(2)

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

RECEIVED
JUL 14 1976
ENVIRONMENTAL PROTECTION SECTION

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME L. Ford TELEPHONE 2-3012

BUILDING/AREA 325/300

II. IDENTIFICATION OF MATERIAL

TRADE NAME _____

CHEMICAL NAME Paraffin

STORAGE LOCATION 326 Bldg

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES _____ NO X

III. PACKAGING

LIQUID _____ . SOLID X GAS _____

NUMBER OF CONTAINERS 1 WEIGHT 100 EA. VOLUME 30 gal EA.

TYPE OF CONTAINER Drum AGE OF CONTAINER Unknown (≈ 5 yr)

IV. REASON FOR DISPOSAL

Not in use. No known use in near future. Not economical to recover.

V. DATE DISPOSAL REQUIRED

6/25/76

VI. COMMENTS .

APPROVED FOR DISPOSAL
BY _____
DATE 6-18-76

DISPOSAL LOCATION Central Land Fill
Chemical Trench
BY ~~6-24-76~~ McClain
DATE 6-24-76

000012

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

RECEIVED

JUL 26 1976

ENVIRONMENTAL PROTECTION SECTION

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME L L Burger TELEPHONE _____

BUILDING/AREA 325/300 Rm 517

II. IDENTIFICATION OF MATERIAL

TRADE NAME _____

CHEMICAL NAME Cyclopentane ~500g

STORAGE LOCATION Hood, Rm 517

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID X . SOLID ____ GAS ____

NUMBER OF CONTAINERS 1 WEIGHT LC EA. VOLUME pt EA.

TYPE OF CONTAINER metal can AGE OF CONTAINER ~10yr

IV. REASON FOR DISPOSAL

Deteriorated, oxidized, contaminated (chemically), unusable

V. DATE DISPOSAL REQUIRED

request by 7-30-76

VI. COMMENTS

APPROVED FOR DISPOSAL
BY _____
DATE _____

DISPOSAL LOCATION _____
BY _____
DATE _____

0000013

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME JACK HOGAN TELEPHONE 2-2746

BUILDING/AREA 2713-E

II. IDENTIFICATION OF MATERIAL

TRADE NAME _____

CHEMICAL NAME CADMIUM NITRATE SOLUTION (50%)

STORAGE LOCATION 275-EA

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

III. PACKAGING

LIQUID ✓ SOLID HHH GAS ____

NUMBER OF CONTAINERS 4 + 4 ors WEIGHT 55 EA. (wooden pallets) VOLUME 55 EA. (CST. 60 CU FT. TOTAL)

TYPE OF CONTAINER — AGE OF CONTAINER —

IV. REASON FOR DISPOSAL

WASTE FROM LEAKY DRUMS
PALLETS WETTED BY SOLUTION

V. DATE DISPOSAL REQUIRED

7/12/76

VI. COMMENTS

— DRUMS (3) ARE VIRTUALLY EMPTIES W/SMALL HEELS.
(1) DRUMS CONTAINS CLEANUP ITEMS, SWEEPING COMPOUND, RUBBER GLOVES + SHOES, RAGS, PAIL, MOP, ETC.

APPROVED FOR DISPOSAL
BY [signature]
DATE 7-12-76

DISPOSAL LOCATION CENTRAL LAND FILL
CHEMICAL DISPOSAL TRENCH
BY J. J. Hogan
DATE 7/12/76

0000014

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

RECEIVED

JUL 26 1976

ENVIRONMENTAL PROTECTION SECTION

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME L L Burger TELEPHONE _____

BUILDING/AREA 323/300 Rm 517

II. IDENTIFICATION OF MATERIAL

TRADE NAME _____

CHEMICAL NAME Cyclopentane ~500g

STORAGE LOCATION Hood, Rm 517

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID X . SOLID ____ GAS ____

NUMBER OF CONTAINERS 1 WEIGHT 1 lb EA. VOLUME pt EA.

TYPE OF CONTAINER metal can AGE OF CONTAINER ~10 yr

IV. REASON FOR DISPOSAL

Deteriorated, oxidized, contaminated (chemically), unusable

V. DATE DISPOSAL REQUIRED

request by L Hurst 7-30-12

VI. COMMENTS

APPROVED FOR DISPOSAL BY _____

DATE _____

DISPOSAL LOCATION _____

BY _____

DATE _____

0000015

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

RECEIVED

JUL 26 1976

ENVIRONMENTAL PROTECTION SECTION

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME L L Burger TELEPHONE _____

BUILDING/AREA 325/300

II. IDENTIFICATION OF MATERIAL

TRADE NAME Karl Fischer Reagent

CHEMICAL NAME _____

STORAGE LOCATION Hood Rm 317

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID X . SOLID ____ GAS ____

NUMBER OF CONTAINERS 1 WEIGHT ____ EA. VOLUME 3l EA.

TYPE OF CONTAINER glass acid bottle AGE OF CONTAINER 1 month

IV. REASON FOR DISPOSAL

Outdated, not usable

V. DATE DISPOSAL REQUIRED

Request by L L Burger 2-30-12

VI. COMMENTS

APPROVED FOR DISPOSAL BY /s/ [illegible]

DATE 8-3-76

DISPOSAL LOCATION Chemical Trench, Central Landfill

BY _____

DATE _____

0000016

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

RECEIVED
JUL 26 1976
ENVIRONMENTAL PROTECTION SECTION

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME L L Berger TELEPHONE _____

BUILDING/AREA 325 / 300

II. IDENTIFICATION OF MATERIAL

TRADE NAME _____

CHEMICAL NAME Hexafluorophosphoric acid 65%

STORAGE LOCATION Hood, Rm 510

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID X . SOLID ____ GAS ____

NUMBER OF CONTAINERS ____ WEIGHT ____ EA. VOLUME ____ EA.

TYPE OF CONTAINER Plastic Bottle AGE OF CONTAINER 16 years

IV. REASON FOR DISPOSAL

Old, deteriorated, not usable

V. DATE DISPOSAL REQUIRED

request by L D Lust 2-30-12

VI. COMMENTS

APPROVED FOR DISPOSAL
BY _____
DATE Refused

DISPOSAL LOCATION _____
BY _____
DATE _____

0000017

Atlantic Richfield Hanford Company
Federal Building
Richland, Washington 99352
Telephone 509 942-7411

August 3, 1976

Hanford Engineering Development
Laboratory
Richland, Washington 99352

Attention: Mr. L. E. Lust

Subject: REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

Dear Len:

I can not approve disposal of the hexafluorophosphoric acid in the chemical trench at the central landfill, as it is too reactive in its present state. I suggest you contact Mr. E. A. Weakley at United Nuclear Industries; maybe he can be of some assistance.

The Karl Fisher Reagent can be buried if the proper precautions are taken. The burial container must be lined with a plastic bag. The reagent bottle can then be placed in the container along with an absorbant material (e.g. vermiculite) and sealed. Label the container "Hazardous Chemical Waste, Do Not Open".

When you are ready to dispose of the material, contact Mr. M. E. Clark, at 942-6178. The original disposal request must accompany the material to the landfill. The person that performs the burial must sign the request and return it to me.

Very truly yours,

J. L. Calder
Environmental Protection Engineer

Atts. (2)

cc: JL Calder, w/atts.
ME Clark, w/o atts.
JV Panesko, w/o atts.

0000018

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME JACK HOGAN TELEPHONE 2-2746

BUILDING/AREA 2713-E

II. IDENTIFICATION OF MATERIAL

TRADE NAME _____

CHEMICAL NAME CADMIUM NITRATE SOLUTION (50%)

STORAGE LOCATION 275-EA

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES _____ NO ✓

III. PACKAGING

LIQUID ✓ SOLID HHH GAS _____

NUMBER OF CONTAINERS 4 (4 DRUMS) WEIGHT 55 EA. (WOODEN PALLETS) VOLUME 55 EA. (CU. FT. 60 CU. FT. TOTAL)

TYPE OF CONTAINER — AGE OF CONTAINER —

IV. REASON FOR DISPOSAL

WASTE FROM LEAKY DRUMS
PALLETS WETTED BY SOLUTION

V. DATE DISPOSAL REQUIRED

7/12/76

VI. COMMENTS

DRUMS (3) ARE VIRTUALLY EMPTIES W/SMALL HEELS.
(1) DRUMS CONTAINS CLEANUP ITEMS, SWEEPING COMPOUND, RUBBER GLOVES + SHOES, RAGS, PAIL, MOP, ETC.

APPROVED FOR DISPOSAL
BY [signature]
DATE 7-12-76

DISPOSAL LOCATION CENTRAL LAND FILL
Chemical Disposal Trench
BY J. J. Hogan
DATE 7/12/76

0019

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

AMCIO.

NAME Product Handling and Special Service TELEPHONE 2 - 2220

BUILDING/AREA 221-T 200 - W

II. IDENTIFICATION OF MATERIAL

TRADE NAME See attached listing and P.U.R. papers No. 76 - 237

CHEMICAL NAME 1 lot miscellaneous Chemicals

STORAGE LOCATION 221- T Pipe Gal.

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES_____ NO XXXX

III. PACKAGING

LIQUID_____ SOLID_____ GAS_____

NUMBER OF CONTAINERS_____ WEIGHT_____EA. VOLUME_____EA.

TYPE OF CONTAINER_____ AGE OF CONTAINER_____

IV. REASON FOR DISPOSAL

Broken amounts and unable to handle at excess yard.

V. DATE DISPOSAL REQUIRED

April - - 1976

VI. COMMENTS

APPROVED FOR DISPOSAL
BY J S Coleman
DATE 8-12-76

DISPOSAL LOCATION Central Landfill, Chemical Trench
BY_____
DATE_____

0000020

FOLD AND CREASE HERE BEFORE SNAPPING OUT CARBONS [redacted]

Atlantic Richfield Hanford Co.
NAME OF CONTRACTOR

PROPERTY DISPOSAL REQUEST

CONTROL NO. ARCO 76 - 267
CROSS CONTROL NO.

PART I – DESCRIPTION OF PROPERTY AND REASON FOR DISPOSAL

ITEM NO.	QTY.	UNIT	INCLUDE IDENTIFICATION NUMBERS, SUCH AS: NEW, EQUIPMENT PIECE, SERIAL NOS. BUILDING FROM WHICH REMOVED, PROJECT AFFECTED, ETC.	UNIT ACQ. VALUE	ACCOUNTING USE ONLY TOTAL VALUE	PROPERTY MGT. USE ONLY DISPOSE OF AS *
One	One	Lot	[redacted] Miscellaneous Chemicals			#5 & #6

Unknown Toxicity

* DISPOSITION SYMBOLS: 1. – EXCESS 2. – SALVAGE 3. – SCRAP 4. – BURY 5. – DESTROY 6. – OTHER (EXPLAIN) Maybe hazardous

REASON FOR DISPOSAL: (IF CONTAMINATED, ATTACH RADIATION SURVEY REPORT.)

Miscellaneous Chemicals that have accumulated in the 221-T building that are parts of container that excess don't ve a way of getting rid of and will have to be disposed with Environmental Protection approval.

E. and O. E. approval papers attatched.
Chemical listing attatched.

THE PROPERTY LISTED ABOVE – [X] IS [ ] IS NOT – TOXIC TO HUMANS, ANIMALS OR THE ENVIRONS.

COMPONENT		DATE	LOCATION OF MATERIAL
Product Handling and Special Services		3/30/76	221-T 200 - W
ORIGINATOR	BUILDING	PHONE	LOCATION OF BURIAL
V. S. Payne	221-T	[redacted] 2 - 2220	
RM CLEARANCE FOR PUBLIC SALE	SURVEY NO.	DATE	

SIGNATURE OF REQUESTING AUTHORITY M. L. Short
L. L. Short – Manager, Production Handling and Special Services.

PART II – INVESTIGATION

AN INVESTIGATION HAS BEEN MADE AND DISPOSITION INSTRUCTIONS HAVE BEEN NOTED IN PART I ABOVE.

M. M. Hanson 3-31-76

PART III – DISPOSITION RECEIPT

	DATE

DISPOSED OF PER INSTRUCTIONS IN PART I (BY)	DATE

NOTE: THE SIGNATURE FOR RM CLEARANCE AND THE SURVEY NUMBER MUST BE OBTAINED THE SAME DAY AS THE ARRIVAL OF THE PROPERTY AT THE STORES SALE YARD

PART IV – APPROVAL

DISPOSITION OF THE ABOVE PROPERTY OR MATERIALS IN ACCORDANCE WITH THE ABOVE RECOMMENDATIONS IS APPROVED.

SIGNATURE OF APPROVING OFFICIAL	DATE

PART V – INVENTORY CONTROL

IN THE CASE OF INVENTORY MATERIALS DESIGNATE BY ITEM NUMBER ABOVE ACCOUNT TO BE RELIEVED AND OFFSETTING ACCOUNT TO BE CHARGED.

ITEM NO.	DEBIT ACCOUNT	CREDIT ACCOUNT

0000021

* Foam Concentrate	2 drums	5 gal. ea.
* Butvar BR 50%	3 drums	40 lb. ea.
* Pluconic Acid	partially full	10 gal. drum
* Versenex 80	1 drum	55 gal. drum
Sodium Gluconate	1 sack	100 lb.
* Rodine #214	1 drum	10 gal. drum
Rodine 92-A		2 liters
Methyl Violet		10 lb.
Oil Blue A (Dye)		15 lb.
Zef-Pure		1.5 gal.
Fire-Sord	1 bottle	5 lb.
Petrogon	1 drum	7 gal. drum

Atlantic Richfield Hanford Company

Date: August 12, 1976

To: V. S. Bayne

From: J. L. Calder, 2-2251

Subject: REQUEST FOR DISPOSAL OF HAZARDOUS MATERIALS

The attached list indicates which chemicals can be buried at the Central Landfill Chemical Trench. Items listed with an asterisk (*) can be buried in their original containers if the containers are capable of being sealed. Items not marked should be packed in a barrel that is lined with a plastic bag and vermiculite (or equivalent) used as the packing material. The barrel should then be sealed and labeled to indicate that it contains hazardous chemical waste and should not be opened.

When you are ready for burial contact M. E. Clark at 2-6178 for transportation and burial.

JLC:mrm

cc: JV Panesko

John Calder

0000023

John Caldar
2719 W 200 W

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME W W BIGLIN TELEPHONE 2-3930

BUILDING/AREA 335 TR-1 300 Area WHC

II. IDENTIFICATION OF MATERIAL

TRADE NAME 55 Gallon Drums Sodium shipping containers & Random lengths of Tubing

CHEMICAL NAME SODIUM, SODIUM HYDROXIDE

STORAGE LOCATION 3718 F

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID ____ . SOLID X GAS ____

NUMBER OF CONTAINERS ____ WEIGHT ____ EA. VOLUME ____ EA.

TYPE OF CONTAINER 55 Gal. Drums AGE OF CONTAINER —

IV. REASON FOR DISPOSAL

Material accumulated during sodium waste disposal activity and contains Sodium oxide and Hydroxide residue

V. DATE DISPOSAL REQUIRED

VI. COMMENTS

All material has been cleaned of sodium by DOWANOL & water. Protective clothing - IE- gloves Face shields should be worn while handling.

APPROVED FOR DISPOSAL
BY JD Caldar
DATE 8-31-76

DISPOSAL LOCATION Chemical Trench Central Landfill
BY ____
DATE ____

0000024

Atlantic Richfield Hanford Company
Federal Building
Richland, Washington 99352
Telephone 509 942-7411

September 1, 1976

Westinghouse Hanford Company
Hanford Engineering Development Laboratory
Richland, Washington 99352

Attention: W. W. Biglin

Gentlemen:

Your request for disposal of sodium contaminated drums has been approved. Please contact Mr. M. E. Clark at 942-6178 to make arrangements for transportation and burial. The original disposal request must be signed by the operator performing the burial and returned to me at 222-T Building, 200 West Area.

Very truly yours,

J. L. Calder
Environmental Protection Engineer

JLC:mrm

Att.

cc: JL Calder, w/att.
ME Clark, w/att.
RI Grob, w/att.
JV Panesko, w/o att.

√

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME Henry Zbyszewski TELEPHONE 2-2416

BUILDING/AREA 2025 200W

II. IDENTIFICATION OF MATERIAL

TRADE NAME Mercury

CHEMICAL NAME

STORAGE LOCATION 2nd Floor 2025

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

III. PACKAGING

LIQUID ____ SOLID ✓ GAS ____ size of box

NUMBER OF CONTAINERS 2 WEIGHT 5 grams EA. VOLUME 4.5 FT^3 EA.

TYPE OF CONTAINER Cardboard Box (Large std.) AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Hazardous Material

V. DATE DISPOSAL REQUIRED

VI. COMMENTS

Total Mercury weight is 15 grams - small amount was sold waste used in cleaning area where the mercury was spilled.

APPROVED FOR DISPOSAL
BY J. F. Lukes
DATE 8-31-76

DISPOSAL LOCATION ARHCO Solid Waste Burial (Radioactive)
BY ____
DATE ____

0000026

Atlantic Richfield Hanford Company

Date: September 1, 1976

To: H. Zbyszewski

From: J. L. Calder, 2-2251

Subject: DISPOSAL OF MERCURY WASTE

Your request for disposal of mercury contaminated waste has been approved by my office. You must complete the appropriate forms for burial of the waste in the 200 west burial ground and then contact D. L. Merrick for instructions. Please make sure that the waste is double contained and is labeled to indicate that the container has "NON-RADIOACTIVE MERCURY WASTE" in it. The original E&OS disposal form must be returned to me when the burial is completed.

JLC:mrm

Att.

cc: JD Anderson, w/att.
JL Calder, w/att.
DL Merrick, w/att.
JV Panesko, w/o att.

0000027

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME J. J. HEGAN TELEPHONE 2-2746

BUILDING/AREA 2713E / 200-E / ARHCO

II. IDENTIFICATION OF MATERIAL

TRADE NAME See Attached List

CHEMICAL NAME _____

STORAGE LOCATION _____

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES _____ NO _____

III. PACKAGING See attached list

LIQUID _____ SOLID _____ GAS _____

NUMBER OF CONTAINERS _____ WEIGHT _____ EA. VOLUME _____ EA.

TYPE OF CONTAINER _____ AGE OF CONTAINER _____

IV. REASON FOR DISPOSAL

unusable

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

APPROVED FOR DISPOSAL
BY JJ Hegan
DATE 9-3-76

DISPOSAL LOCATION Chemical Trench
Central Landfill
BY _____
DATE _____

0000028

1. Caustic soda beads, Pels 180, solidified in 55-gallon drum.
2. Fabrifilm, Turco products, 55-gallon drums, thickened.
3. Fabrifilm, HF modified, Turco products, as above.
4. Turco 4306C, decontaminant, solidified in 55-gallon drum.

5. Also, some quantities of Turco 4306 B and D in 100# fiber drums. (ONE 55-gal drum with 100 lbs Turco; 17 fiber drums in plastic bags with 100 lbs of Turco in each drum).
6. Sodium sulfate, U.S. Borax, anhydrous, broken sacks, spilled. (Three 55-gal drums; 1300# sodium nitrate.
7. Sodium persulfate, FMC brand, anhydrous, as above. (Two 55-gal drums; 200 lb
8. Sodium sulfite, Stauffer, anhydrous, as above. (Two 55-gal drums; 600 lbs sulfite)

8 - 55 gal drums on one pallet
17 - Fiber drums (in plastic bags) on one pallet
25 pieces - - - - - - - on two pallets

Shipped to Central Landfill, chemical trench on October 28, 1976

0000029

Atlantic Richfield Hanford Company

Date: September 8, 1976

To: J. J. Hogan

From: J. L. Calder, 2-2251

Subject: DISPOSAL OF HAZARDOUS WASTE CHEMICALS

I have approved of the disposal of the waste chemicals on the attachment. Please ensure that items one through four cannot leak and lable them to indicate that they contain very hazardous chemicals. Extreme caution must be used when handling any of these chemicals. Encase the fiber drums listed in item five in heavy plastic bags after they have been labeled as hazardous chemicals to ensure that they do not leak. For items six, seven, and eight you will need to line a 55 gallon drum with a plastic bag and transfer these items to the drum(s), seal, and lable as above.

When you are ready for disposal contact Mr. M. E. Clark, 2-6178, for burial. The request for disposal must accompany the waste chemicals.

JLC:mrm

Att.

cc: JL Calder (2), w/att.
ME Clark, w/att.
JV Panesko, w/o att.

0000030

54-6000-030 (10-68)

Atlantic Richfield Hanford Company

Date: September 10, 1976

To: J. L. Calder

From: D. L. Merrick, 2-2161 D. L. Merrick

Subject: HAZARDOUS WASTE INVENTORIES

References: (1) Letter, July 15, 1976, G. C. Owens to M. F. Rice and G. Burton, Jr., same subject

(2) Letter, August 11, 1976, E. J. Kosiancic to G. C. Owens, same subject

Reference 1 requests our review in using Hazardous Waste Inventories belonging to other contractors. Reference 2 indicated that we would consider taking the following:

Inventory Page	Commercial/Chemical Name	Quantity
3	TURCO 4521 (citric-oxalic acid decontaminating agent)	110 gallons
4	TURCO 4521 (citric-oxalic acid decontaminating agent)	2,500 pounds
6	Sodium Carbonate, Na_2CO_3 (salt)	430 pounds

We have a continuing use for these materials at the tank farm Evaporator-Crystallizer (242-S) and would be able to accept such. We currently store like material at 275-EA.

Arrangements for shipping should be coordinated with Mr. J. J. Hogan of Atlantic Richfield Hanford Company.

DLM:jm

cc: GT Dukelow
GC Owens
JV Panesko
JA Teal

0000031

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME John Funk TELEPHONE 2-2424

BUILDING/AREA 222 T - 200 W. outside SE corner

II. IDENTIFICATION OF MATERIAL

TRADE NAME Iodine No. 214 (10 gal) & Hi-Extreem (5 gal)

CHEMICAL NAME

STORAGE LOCATION outside 222-T

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO No

III. PACKAGING

LIQUID ____ SOLID ✓ GAS ____

NUMBER OF CONTAINERS 1 WEIGHT 50 lbs. EA. VOLUME 55 gal. drum EA.

TYPE OF CONTAINER 55 gal drum. AGE OF CONTAINER ?

IV. REASON FOR DISPOSAL

Useless chemicals - not wanted on inventory

V. DATE DISPOSAL REQUIRED

VI. COMMENTS

The two smaller containers are to be placed in the empty 55 gal drum and packed in vermiculite. Lab to do

APPROVED FOR DISPOSAL
BY
DATE

DISPOSAL [illegible] Contact Forklift - Yum Insert.
BY
DATE

0000032

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME Kemp Rotan TELEPHONE 946-2393

BUILDING/AREA EDL/3000

II. IDENTIFICATION OF MATERIAL

TRADE NAME "Thermal Bestos"

CHEMICAL NAME Asbestos

STORAGE LOCATION 186-D

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES _____ NO X

III. PACKAGING

LIQUID _____ SOLID X GAS _____

NUMBER OF CONTAINERS _____ WEIGHT _____ EA. VOLUME 150 ft^3 (total) EA.

TYPE OF CONTAINER Presently in cardboard AGE OF CONTAINER ~ 5 years

IV. REASON FOR DISPOSAL

Unused pieces of asbestos

V. DATE DISPOSAL REQUIRED

May 31, 1976

VI. COMMENTS

This waste unused pieces of asbestos that is not used in present operations.

APPROVED FOR DISPOSAL
BY J. E. Calvin
DATE 9-29-76

DISPOSAL LOCATION Asbestos Trench (Central Landfill)
BY _____
DATE _____

0000033

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME Kemp Rotan TELEPHONE 946-2393

BUILDING/AREA EDL/3000

II. IDENTIFICATION OF MATERIAL

TRADE NAME Pipe Insulation(contains asbestos)

CHEMICAL NAME

STORAGE LOCATION 186-D/100-D

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID ____ SOLID X GAS ____

NUMBER OF CONTAINERS 25 WEIGHT 30lbs./EA. VOLUME 5cu ft EA.

TYPE OF CONTAINER heavy plastic AGE OF CONTAINER New

IV. REASON FOR DISPOSAL

Surplus pipe is being excessed to ARHCO storage yard and was stripped of insulation prior to shipment.

V. DATE DISPOSAL REQUIRED

~5/1/76

VI. COMMENTS

We are cognigant of 40 CRF 61 and will conform to requirements specificed. Two notes of interest in this case are (1) material requiring disposal is less than the amount specified in section 61.22 (1) (i) and (2) BNW feels there is a danger of exposure (occupational and environmental) if we must transfer containers to a water source, open bags, add water, and add weight to the plastic bags.

APPROVED FOR DISPOSAL
BY [signature]
DATE 4-29-76

DISPOSAL LOCATION Asbestos Trench, Central Landfill
BY
DATE

0000034

Project Number_____

Battelle
Pacific Northwest Laboratories

Internal Distribution
PFX Dunigan
GA Halseth
File/LB

Date September 10, 1976

To JL Calder

From TJ McLaughlin TJ McLaughlin

Subject Asbestos Disposal Request

BNW has approximately 150 cubic feet of waste asbestos to be disposed. This waste was identified in a "Request for Disposal of Nonradioactive Hazardous Material" sent to you some time ago.

We realize that EPA has recently promulgated rules and regulations concerning disposal of hazardous material. We would appreciate action on this matter as soon as possible since the material constitutes a public health hazard.

TJM:mg

0000035

UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
RICHLAND OPERATIONS OFFICE
P. O. BOX 550
RICHLAND, WASHINGTON 99352

September 24, 1976

Atlantic Richfield Hanford Company
Richland, Washington

ATTN: John L. Calder
Environmental and Occupational
Safety Department

Gentlemen:

PNL ASBESTOS DISPOSAL REQUEST

You may proceed with disposal of the drybagged asbestos waste per our telephone conversation. We have discussed the situation with RL-Safety, and they concur that no attempt should be made to wet the drybagged asbestos because of the potential for airborne release. Take extra precautions as warranted.

Very truly yours,

Paul F. X. Dunigan, Jr.
Environmental Scientist
Environmental Affairs Branch, ELP

ELP:PFXD

cc: J. H. Warren, ARHCO
T. J. McLaughlin, PNL

0000036

Telephone 509 942 7411

September 30, 1976

Battelle Memorial Institute
Pacific Northwest Laboratories
Richland, Washington 99352

Attention: Mr. T. J. McLaughlin, Engineer
Environmental Evaluations/Waste Disposal
Occupational & Environmental Safety

Subject: PNL ASBESTOS DISPOSAL REQUEST

Gentlemen:

Attached are the approvals for disposal of the dry bagged asbestos. You may consult with your safety group about any extra precautions that are necessary. Contact Mr. M. E. Clark at 942-6178 when you are ready for transportation and disposal. Please ensure that Mr. Clark and his personnel are aware of any safety precautions necessary for safe handling while performing their duties.

Very truly yours,

J. L. Calder
Environmental Protection Engineer

JLC:pvb

Atts. (3)

cc: w/atts.
PFX Dunigan, Jr., ERDA-RL

bcc: ME Clark, w/atts.
JT Funk "
RI Grob "
BJ McMurray "
VR Weil "

✓

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME Kemp Rotan TELEPHONE 946-2393

BUILDING/AREA EDL/3000

II. IDENTIFICATION OF MATERIAL

TRADE NAME Pipe Insulation(contains asbestos)

CHEMICAL NAME

STORAGE LOCATION 186-D/100-D

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES _____ NO X

III. PACKAGING

LIQUID _____ SOLID X GAS _____

NUMBER OF CONTAINERS 25 WEIGHT 30lbs./EA. VOLUME 5cu ft EA.

TYPE OF CONTAINER heavy plastic AGE OF CONTAINER New

IV. REASON FOR DISPOSAL

Surplus pipe is being excessed to ARHCO storage yard and was stripped of insulation prior to shipment.

V. DATE DISPOSAL REQUIRED

~5/1/76

VI. COMMENTS

We are cognigant of 40 CRF 61 and will conform to requirements specificed. Two notes of interest in this case are (1) material requiring disposal is less than the amount specified in section 61.22 (1) (i) and (2) BNW feels there is a danger of exposure (occupational and environmental) if we must transfer containers to a water source, open bags, add water, and add weight to the plastic bags.

APPROVED FOR DISPOSAL
BY [signature]
DATE 4-29-76

DISPOSAL LOCATION Asbestos Trench
Central Landfill
BY _____
DATE _____

0000038

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME Kemp Rotan TELEPHONE 946-2393

BUILDING/AREA EDL/3000

II. IDENTIFICATION OF MATERIAL

TRADE NAME "Thermal Bestos"

CHEMICAL NAME Asbestos

STORAGE LOCATION 186-D

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES _____ NO X

III. PACKAGING

LIQUID _____ SOLID X GAS _____

NUMBER OF CONTAINERS _____ WEIGHT _____ EA. VOLUME 150 ^{3} (total) EA.

TYPE OF CONTAINER Presently in cardboard AGE OF CONTAINER ~ 5 years

IV. REASON FOR DISPOSAL

Unused pieces of asbestos

V. DATE DISPOSAL REQUIRED

May 31, 1976

VI. COMMENTS

This waste unused pieces of asbestos that is not used in present operations.

APPROVED FOR DISPOSAL
BY J.J. Cable
DATE 9-29-76

DISPOSAL LOCATION Asbestos Trench
Central Landfill 0000039
BY _____
DATE _____

JLC UE

Richland, Washington
Telephone 509 942 7411

September 30, 1976

Battelle Memorial Institute
Pacific Northwest Laboratories
Richland, Washington 99352

Attention: Mr. T. J. McLaughlin, Engineer
Environmental Evaluations/Waste Disposal
Occupational & Environmental Safety

Subject: PNL ASBESTOS DISPOSAL REQUEST

Gentlemen:

Attached are the approvals for disposal of the dry bagged asbestos. You may consult with your safety group about any extra precautions that are necessary. Contact Mr. M. E. Clark at 942-6178 when you are ready for transportation and disposal. Please ensure that Mr. Clark and his personnel are aware of any safety precautions necessary for safe handling while performing their duties.

Very truly yours,

J. L. Calder
Environmental Protection Engineer

JLC:pvb

Atts. (3)

cc: w/atts.
PFX Dunigan, Jr., ERDA-RL

bcc: ME Clark, w/atts.
JT Funk "
RI Grob "
BJ McMurray "
VR Weil "

0000040

UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
RICHLAND OPERATIONS OFFICE
P. O. BOX 550
RICHLAND, WASHINGTON 99352

September 24, 1976

Atlantic Richfield Hanford Company
Richland, Washington

ATTN: John L. Calder
Environmental and Occupational
Safety Department

Gentlemen:

PNL ASBESTOS DISPOSAL REQUEST

You may proceed with disposal of the drybagged asbestos waste per our telephone conversation. We have discussed the situation with RL-Safety, and they concur that no attempt should be made to wet the drybagged asbestos because of the potential for airborne release. Take extra precautions as warranted.

Very truly yours,

Paul F. X. Dunigan, Jr.
Environmental Scientist
Environmental Affairs Branch, ELP

ELP:PFXD

cc: J. H. Warren, ARHCO
T. J. McLaughlin, PNL

0000041

Project Number_____

Battelle
Pacific Northwest Laboratories

Internal Distribution
PFX Dunigan
GA Halseth
File/LB

Date September 10, 1976

To JL Calder

From TJ McLaughlin TJ McLaughlin

Subject Asbestos Disposal Request

BNW has approximately 150 cubic feet of waste asbestos to be disposed. This waste was identified in a "Request for Disposal of Nonradioactive Hazardous Material" sent to you some time ago.

We realize that EPA has recently promulgated rules and regulations concerning disposal of hazardous material. We would appreciate action on this matter as soon as possible since the material constitutes a public health hazard.

TJM:mg

0000042

UNITED STATES
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
RICHLAND OPERATIONS OFFICE
P. O. BOX 550
RICHLAND, WASHINGTON 99352

September 24, 1976

Atlantic Richfield Hanford Company
Richland, Washington

ATTN: John L. Calder
Environmental and Occupational
Safety Department

Gentlemen:

PNL ASBESTOS DISPOSAL REQUEST

You may proceed with disposal of the drybagged asbestos waste per our telephone conversation. We have discussed the situation with RL-Safety, and they concur that no attempt should be made to wet the drybagged asbestos because of the potential for airborne release. Take extra precautions as warranted.

Very truly yours,

Paul F. X. Dunigan, Jr.
Environmental Scientist
Environmental Affairs Branch, ELP

ELP:PFXD

cc: J. H. Warren, ARHCO
T. J. McLaughlin, PNL

0000043

JLC

Telephone 509 942 7410

September 30, 1976

Battelle Memorial Institute
Pacific Northwest Laboratories
Richland, Washington 99352

Attention: Mr. T. J. McLaughlin, Engineer
Environmental Evaluations/Waste Disposal
Occupational & Environmental Safety

Subject: PNL ASBESTOS DISPOSAL REQUEST

Gentlemen:

Attached are the approvals for disposal of the dry bagged asbestos. You may consult with your safety group about any extra precautions that are necessary. Contact Mr. M. E. Clark at 942-6178 when you are ready for transportation and disposal. Please ensure that Mr. Clark and his personnel are aware of any safety precautions necessary for safe handling while performing their duties.

Very truly yours,

J. L. Calder
Environmental Protection Engineer

JLC:pvb

Atts. (3)

cc: w/atts.
PFX Dunigan, Jr., ERDA-RL

bcc: ME Clark, w/atts.
JT Funk "
RI Grob "
BJ McMurray "
VR Weil "

Commitment XX 103

Atlantic Richfield Hanford Company

RECEIVED

OCT 29 1976

ENVIRONMENTAL
PROTECTION SECTION

Date: October 27, 1976

To: J. L. Calder

From: V. R. Weil, 2-6133 V. R. Weil

Subject: QUARTERLY ENVIRONMENTAL AUDIT OF THE CENTRAL LANDFILL - SEPTEMBER 22, 1976

The subject audit disclosed a discrepancy in that there was no sign designating the asbestos trench. A sign has been erected defining use of and restriction of material that can be deposited in the trench.

Seed and fertilizer have been ordered for reseeding and stabilization of the filled trenches area. This will be accomplished next spring.

Marker posts with brass identification plates, similar to Hanford Standard AC-5-40, are being obtained. The brass plates will be marked to identify trench and contents. The posts will be erected on trench centerlines as suggested.

VRW:RIG:lh

cc: ME Clark
RI Grob
Central File

0000045

OUTGOING LTR. NO.
11290 R1
INCOMING LTR. NO.
11290
ACTION
V. R. Weil
REPLY
n/a
REPLY DUE
n/a

DIST:	LTR.	ENCL.	APPR.
Bartholomew, D.C.	X		
Bellefonte, M.			
Brazeal, R.K.			
Carey, J.M.	X		
Cockeram, D.J.	X		
Deju, R.A.			
Donahue, J.W.			
Freeman, R.A.			
Fritch, P.J.	X		
G. L.L.	X		
Gruhn, R.S.	X		
Hammond, R.D.	X		
Heine, W.F.	X		
Kelley, D.E.			
Kinzer, J.E.	X		
Ogletree, L.R.	X		
Pitts, G.G.			
Roecker, J.H.	X		
Sahler, G.H.			
Salina, C.M.			
Shaw, H.P.	X		
Sparks, T.E.	X		
Weil, V.R.	X	X	
Wodrich, D.D.			
Central Files	X		
Panesko	X		
GC Owens	X		

DA
7/20/78
ORIG. & TYPIST INITIALS
RIG/bhd

JUL 2 1 1978

54-8000-117 12-78)

Keep copy KKK
Karen - file in S.D. cont'l L. Dfl'l"

Atomics International Division
Rockwell Hanford Operations
P.O. Box 800
Richland, WA 99352

Rockwell International

RECEIVED
JUL 24 1978
OFFICE OF
J. V. PANESKO

JUL 2 1 1978

In Reply Refer to 11290

Mr. M. W. Tiernan, Director
Safety and Environmental
Protection Division
Richland Operations Office
Richland, Washington 99352

Appraisal of Rockwell Hanford Operation's Nonradioactive Solid Waste Disposal Operation
Contract EY-77-C-06-1030

Reference: Letter, June 22, 1978, M. W. Tiernan to General Manager, Rockwell Hanford Operations, "Appraisal of Rockwell's Nonradioactive Solid Waste Disposal Operation" (SAF:JAF)

Dear Mr. Tiernan:

Responses to the findings of the appraisal conducted by Mr. J. A. Fernandez of your staff on March 28-29, 1978 and April 6, 1978 are listed below:

Finding No. 1

"Rockwell has failed to maintain records of the Central Landfil Operation as described in ARH-3032, Rev. 1 and 40CFR241."

Response

Records of burials of chemicals and asbestos containing materials are prepared by Rockwell's Environmental Protection Group, forwarded to Maintenance Function (Road and Track Maintenance and Equipment) and returned with authorized signatures after burial. Burial locations will be defined as a distance from a permanent marker at one end of the burial trench. Records of gross volume deposits are kept by the Maintenance Function. No major operational problems, or difficulties, involving vectors or dust or litter control, have been experienced. The description of wastes buried is non-contaminated waste generated by office and shop buildings. To our knowledge there have been no burials of carcinogenic or extremely hazardous wastes in the normal waste trench during the past two years.

Finding No. 2

"Access to the Central Landfill is not controlled as defined in 40CFR241."

Response

The gate has not been locked when the site is unattended so that J. A. Jones forces can deposit waste at the site. Funds approved for the waste disposal operation have not been sufficient for fulltime staffing of the

0000046

facility. In the future, the gates will be locked when the site is unattended and contractors will have to arrange to make deposits during the normal operating hours. A new sign will be posted on the fence spelling out the hours of operation.

Finding No. 3

"Proper communication is not always assured at the Central Landfill as defined in 40CFR241."

Response

A two-way radio has recently become available and will be used at the disposal site.

Finding No. 4

"Asbestos and chemical waste containers are not properly marked."

Response

It is Rockwell's position that when an individual burial of more than one bag takes place one bag in each five will be labeled. When burials of one bag are made each bag will be labeled. Chemical waste containers will be labeled to comply with state regulations.

Very truly yours,

V. R. Weil

V. R. Weil
Director - Maintenance

VRW/RIG/bhd

cc:
J. C. Cummings - DOE-RL
P. G. Harris - DOE-RL
F. R. Standerfer - DOE-RL

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME M. Partida TELEPHONE 2-2318

BUILDING/AREA 274-W / 200-W

II. IDENTIFICATION OF MATERIAL

TRADE NAME Misc. Paint

CHEMICAL NAME

STORAGE LOCATION 2713-WB

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

III. PACKAGING See Attachment

LIQUID X SOLID X GAS ____

NUMBER OF CONTAINERS ~~see~~ WEIGHT ____ EA. VOLUME ~~see~~ EA.

TYPE OF CONTAINER Metal AGE OF CONTAINER < 2 yrs.

IV. REASON FOR DISPOSAL

Unusable

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

APPROVED FOR DISPOSAL
BY J. Fallon
DATE 10-28-76

DISPOSAL LOCATION Class I Central Landfill.
BY
DATE

0000048

Inventory

# containers	Vol.	Item
78	1 gal.	Mics. Paint
19	5 gal.	Mics. Paint
10	1 pint	epoxy hardener

Atlantic Richfield Hanford Company

Date: October 11, 1976

To: J. V. Panesko

From: N. A. Berube, 2-2675

Subject: DISPOSAL OF UNUSED ION EXCHANGE RESINS

We presently have an inventory of 1 barrel of unused amberlite anion exchange resin and 2 barrels of Dowex 50 W X 8 cation exchange resin.

These resins have never been brought into the building and they have no known defects. We would simply like to remove them from our store room because of the long time they have been in storage.

We propose to have them buried in the central landfill with your concurrence.

If this burial mode is unacceptable please recommend an alternative that is thought to be safer.

NAB:amr

cc: AH Hinkson
RJ Loberg
D Meese
RL Treat

0000050

Ltr. #8060

bcc: H Babad
DC Bartholomew
G Burton, Jr.
J Faulhaber
JT Funk
LC Hubbard
JW Jordan
DE Kelley
EJ Kosiancik
BJ McMurray
CW Malody
GC Owens
JV Panesko(2)
MF Rice
RC Roal
HP Shaw
TE Sparks
JH Warren
AT White (2)
DD Wodrich
RA Zinsli
Central File
Legal

November 2, 1976

U. S. Energy Research and
Development Administration
Richland Operations Office
Richland, Washington 99352

Attention: Mr. P. G. Rhoades, Director
Safety and Environmental
Protection Division

Subject: HANFORD ENVIRONMENTAL COUNCIL REVIEW OF NONRADIOACTIVE HAZARDOUS WASTE MANAGEMENT
Contract EY-76-C-06-2130

Reference: Letter, October 4, 1976, D. M. Smith to G. Burton, Jr., same subject (SAF:PFXD)

Gentlemen:

The reference letter requested the following hazardous waste management information:

1. Mercury and beryllium are buried with radioactive wastes within the 200 areas. The use of the 200 areas offers two advantages over the central landfill. The 200 areas are at a higher elevation above the groundwater and leaching of soil will be strictly controlled for thousands of years. The radioactive burial sites are fenced and patrolled for greater protection from intrusion than the central landfill.

2. An inventory system for known carcinogens and extremely hazardous materials has been planned for implementation during fiscal year 1977. The inventory system will be similar to that of United Nuclear Industries as described in the report DUN-M-31 "Environmental Control Manual," by T. E. Dabrowski, and would be implemented in ARH-MA-139, "Environmental Protection Standards," which is in preparation.

inventory system ?

3. Review of disposal plans should be performed prior to approval for ordering the chemicals. This method would be more specific and more readily controlled than requiring that operational plans and research proposals

0000051

✓ REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME Don Meese TELEPHONE 2-2506

BUILDING/AREA 234-5 Z 200 West

II. IDENTIFICATION OF MATERIAL

TRADE NAME DOWEX 50W x 8

CHEMICAL NAME Poly-vinyl sulfonated Benzene Cation Exchange Resin

STORAGE LOCATION So. End 2727-Z Bldg.

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID ____ SOLID X GAS ____

NUMBER OF CONTAINERS 3 WEIGHT 210 LB. EA. VOLUME 5 CU. FT. EA.

TYPE OF CONTAINER Cardboard Drum AGE OF CONTAINER 4 YEARS

IV. REASON FOR DISPOSAL

Past its useful life

V. DATE DISPOSAL REQUIRED

11-30-76

VI. COMMENTS

The original cardboard drums of the cation exchange resin should be packed in a plastic lined 55-gallon drum w/lid that has all void spaces filled with vermiculite. DJC

APPROVED FOR DISPOSAL
BY Don Carrell
DATE 11/16/76
(Follow requirements

DISPOSAL LOCATION Central Land Fill / Chemical Trench
BY JM Clark
DATE 12-29-76

0000052

Atlantic Richfield Hanford Company

Date: November 16, 1976

To: D. E. Meese

From: D. J. Carrell

Subject: APPROVED METHOD FOR DISPOSAL OF UNUSED CATION EXCHANGE RESIN

I have approved your request for disposal of three cardboard drums of unused DOWEX-50WX8 (cation exchange resin). Since the resin is a poly-vinyl sulfonated benzene compound, it will be necessary to place each cardborad drum into a plastic-lined 55-gallon metal drum. The void spaces between the plastic liner and the inserted cardboard drum of resin should be filled with vermiculite. I have indicated on the disposal request form that this material will be placed in the Chemical Trench of the Central Landfill. Arrangements for pickup of the material to be disposed of should be made through ME Clark (2-6178) of TUMS. Please make sure that a copy of the attached "Request for Disposal of Non-Radioactive Hazardous Material" accompanies the material to the Central Landfill so the disposal can be properly documented.

DJC:slm

cc: ME Clark, w/att
JV Panesko

0000053

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

Sent out 12/9/76

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME J. L. GREEN (BNW) TELEPHONE 942-3128

BUILDING/AREA 325 / 300 / Room 600

II. IDENTIFICATION OF MATERIAL

TRADE NAME HYDRAZINE

CHEMICAL NAME HYDRAZINE

STORAGE LOCATION 325-A/300/ROOM 601

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID X SOLID ____ GAS ____

NUMBER OF CONTAINERS 2 WEIGHT 10 LB. EA. VOLUME 5L. EA.

TYPE OF CONTAINER POLY BOTTLE AGE OF CONTAINER 4 YEARS

IV. REASON FOR DISPOSAL

SOLUTION DEPLETED

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

AVOID SKIN CONTACT, INHALATION, OR INGESTION. ① PUT EACH POLY BOTTLE INTO A PLASTIC BAG & SEAL BAG. ② PLACE BOTH CONTAINERS IN A 55-GALLON DRUM. ③ FILL VOID SPACES WITH VERMICULITE ④ SEAL 55-GAL DRUM SHUT

APPROVED FOR DISPOSAL D J Carell

DATE 12/9/76

DISPOSAL LOCATION CHEMICAL TRENCH CENTRAL LANDFILL (ARHCO)

BY ____

DATE ____

0000054

√

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN 12/3/76

NAME M.R. WEILER (HEDL) TELEPHONE 942-3705

BUILDING/AREA 325 Bldg 300 Area

II. IDENTIFICATION OF MATERIAL

TRADE NAME ———

CHEMICAL NAME 1,3,5- TRINITROBENZENE

STORAGE LOCATION 325 Bldg rm 415

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

III. PACKAGING

LIQUID ____ SOLID X GAS ____

NUMBER OF CONTAINERS 1 WEIGHT 5½ # EA. VOLUME ½ gal EA.

TYPE OF CONTAINER METAL AGE OF CONTAINER new

IV. REASON FOR DISPOSAL

remove explosive chemical no longer in use from laboratory.

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS → TRANSPORT WITH CARE DO NOT DROP!!

TNB IS EXPLOSIVE. DO NOT EXPOSE TO HIGH HEAT OR SHOCK. MIX 100 PARTS OF SAND TO 1 PART TNB, SEAL IN A METAL CONTAINER. THIS A VERY SMALL AMOUNT ~ 25 GRAMS.

APPROVED FOR DISPOSAL
BY DG Cantell
DATE 12/10/76

DISPOSAL LOCATION CHEMICAL TRENCH CENTRAL LAND-FILL
BY ____
DATE ____

0000055

Atlantic Richfield Hanford Company
Federal Building
Richland, Washington 99352
Telephone 509 942-7411

Don

December 13, 1976

Hanford Engineering Development Laboratory
Richland, Washington 99352

Attention: Mr. M. R. Weiler

Reference: Request for Disposal of Hazardous Material

Gentlemen:

I have reviewed your Request for Disposal of Hazardous Material and have approved it upon meeting the following conditions. The trinitrobenzene contingent (25 grams) should first be mixed with an inert material (sand) in the rate of 100 parts sand to one part TNB. This mixture should be sealed in a metal container.

Arrangements for transportation can be made through the Transportation, Utilities and Maintenance Division. Your contact in that division is Mr. M. E. Clark (2-6178). He should be able to assist you in arranging an acceptable time for removal of the container from the 325 Building.

Please include the approved Request for Disposal of Hazardous Material with the shipment to the Central Landfill to be signed by the operator disposing the material, and then returned to me at the Environmental Protection Section.

Very truly yours,

D J Carrell

D. J. Carrell
Environmental Protection Engineer

DJC:slm

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME L. J. Lust TELEPHONE 2-3012

BUILDING/AREA 325/300

II. IDENTIFICATION OF MATERIAL

TRADE NAME Dibutyl Carbitol

CHEMICAL NAME Dibutyl ether of diethylene glycol

STORAGE LOCATION 325 Bldg Rm 527

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID X . SOLID ____ GAS ____

NUMBER OF CONTAINERS 1 WEIGHT ____ EA. VOLUME 55gal EA.

TYPE OF CONTAINER ____ AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Intended use no longer exists

V. DATE DISPOSAL REQUIRED

12/29/76

VI. COMMENTS

New - never opened.

APPROVED FOR DISPOSAL BY D J Carvill

DATE 12/14/76

DISPOSAL LOCATION ____

BY ____

DATE ____

0000057

Atlantic Richfield Hanford Company
Federal Building
Richland, Washington 99352
Telephone 509 942-7411

December 14, 1976

Hanford Engineering Development Laboratory
Richland, Washington 99352

Attention: Mr. L. E. Lust

Reference: Request for Disposal of Hazardous Material

Gentlemen:

I have approved your Request for Disposal of Hazardous Material for one 55-gallon drum of Dibutyl Carbitol. Transportation arrangements should be made through M. E. Clark (2-6178).

Please include the approved Request for Disposal of Hazardous Material with the material that is sent to the Chemical Trench of the Central Landfill. The operator disposing of the material will sign the form and return it to me at the Environmental Protection Section of Atlantic Richfield Hanford Company. Thank you for your cooperation.

Very truly yours,

D J Carrell

D. J. Carrell
Environmental Protection Engineer

DJC:slm

Attachment

cc: ME Clark, w/att.

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN 12/14/76

NAME Charles Luchterhand TELEPHONE 2-2810

BUILDING/AREA 202-A

II. IDENTIFICATION OF MATERIAL

TRADE NAME ASBESTOS

CHEMICAL NAME ASBESTOS

STORAGE LOCATION NW CORNER 202-A (IN DUMPSTER)

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X HAVE BEEN SURVEYED, NO ACTIVITY

III. PACKAGING

LIQUID ____ SOLID X GAS ____

NUMBER OF CONTAINERS ~ 25 WEIGHT 40 LBS EA. VOLUME 2 cu ft EA.

TYPE OF CONTAINER DOUBLE PLASTIC BAGS AGE OF CONTAINER NEW BAGS

IV. REASON FOR DISPOSAL

NO LONGER BEING USED

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

ASBESTOS IS ALREADY DOUBLE BAGGED + IS CURRENTLY BEING STORED IN A DUMPSTER AT THE N W CORNER OF PUREX.

APPROVED FOR DISPOSAL
BY DJ Carell
DATE 12/14/76

DISPOSAL LOCATION ASBESTOS TRENCH CENTRAL LANDFILL
BY ____
DATE ____

0000059

Atlantic Richfield Hanford Company

Date: December 14, 1976

To: C. O. Luchterhand

From: D. J. Carrell

Subject: APPROVED REQUEST FOR DISPOSAL OF HAZARDOUS MATERIAL

I have approved your request for the disposal of approximately 25 bags of asbestos. I understand they are double bagged and currently stored in a dumpster at the northwest corner of Purex. Arrangements for pickup and disposal should be made through M. E. Clark (2-6178) of TUMS.

Please include the approved Request for Disposal of Hazardous Material with the asbestos sent to the Asbestos Trench of the Central Landfill. The operator disposing of the material will sign the form and return it to me at the Environmental Protection Section. Thank for your cooperation.

DJC:slm

Attachment

cc: ME Clark, w/att.

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME E. R. CARPENTER TELEPHONE 2-2606

BUILDING/AREA 2704-W

II. IDENTIFICATION OF MATERIAL

TRADE NAME 2 GASOLINE STORAGE TANKS (NOT IN USE
CHEMICAL NAME FOR PAST 10-15 YEARS)

STORAGE LOCATION EAST + WEST FILLING STATIONS

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID ____ SOLID X GAS ____

NUMBER OF CONTAINERS 2 WEIGHT ~1000 lbs EA. VOLUME 2000 gal EA.

TYPE OF CONTAINER ____ AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

BOTH TANKS WERE LEAKERS, NO LONGER USED, NO LONGER NEEDED

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

WILL BE PLACED
JA JONES WILL TRANSPORT TO LANDFILL; DRY ICE ^ INSIDE TANK PRIOR TO TRANSPORT; EXPLOSIVE GAS TEST BEFORE BURIAL (GEORGE GOOCH 2-2627) CURRENT EXPLOSIVE GAS TESTS ARE NEGATIVE; LEAVE VENT CAPS OFF WHEN BURIED.

APPROVED FOR DISPOSAL BY Don Carlell
DATE 12/22/76

DISPOSAL LOCATION Central Landfill (09:00 - 15:30)
BY M Clark
DATE 12-29-76

0000061