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DDTS Detailed Document Report

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Name	Affiliation
WERNER, HV	AEC: Atomic Energy Commission

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Review Date	Details
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*** END OF REPORT ***

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PRIMARY & SECONDARY CATEGORIES

1. Specific Materials
   - ___ Deuterium
   - ___ Fission Products
   - ___ General
   - ___ High Explosives
   - ___ Lithium
   - ___ Plutonium
   - ___ Transplutonic Elements
   - ___ Tritium
   - ___ Uranium

2. Reactors
   - ___ Aircraft, Rocket & Space Reactors
   - ___ Army Nuclear Power Package Program
   - ___ Civil Power Reactors
   - ___ Experimental Breeder Reactors
   - ___ General
   - ___ Miscellaneous & Other Reactor Topics
   - ___ Naval Nuclear Propulsion
   - ___ Production Reactors
   - ___ Research & Test Reactors & Small Experimental Reactors

3. Nuclear Weapons & Related Technology
   - ___ Fission Weapons
   - ___ General
   - ___ Military Utilization
   - ___ Nuclear Directed Energy Systems
   - ___ Nuclear Tests
   - ___ Nuclear Warfare & Civil Defense
   - ___ Nuclear Weapons Effects
   - ___ Other Weapon Topics
   - ___ Plowshare Program
   - ___ Theory, History & Development
   - ___ ThermoNuclear Weapons

4. Health, Safety & Environment
   - ___ Environmental Effects
   - ___ General
   - ___ Public Health & Safety
   - ✓ Waste Management
   - ___ Worker Health & Safety

5. National Security, Policy, Warfare
   - ___ Arms Control
   - ___ General
   - ___ Other
   - ___ Radiological, Chemical, Biological & Conventional ...
   - ___ Safeguards & Security

6. General, Miscellaneous, Administrative, Historical and Multi-Disciplined Progress Reports
   - ___ General

7. Controlle[redacted]
   - ___ General
   - ___ Inertial Confinement Fusion
   - ___ Magnetic Fusion

8. Isotope Separation
   - ___ Electromagnetic Processes
   - ___ Gas Centrifuge
   - ___ Gaseous Diffusion
   - ___ General
   - ___ Laser Isotope Separation
   - ___ Other Isotope Separation Information
   - ___ Thermal Diffusion

9. Radioisotope Power Supplies, Including Isotopic Systems ...
   - ___ General

10. Science & Technology
    - ___ Biology & Medicine
    - ___ Chemistry
    - ___ General
    - ___ Geology, Hydrology, Seismology, Site Studies
    - ___ Instruments & Equipment
    - ___ Mathematics
    - ___ Metallurgy
    - ___ Particle Accelerators & High Voltage Machines
    - ___ Physics

KEYWORDS

- ___ 100 Area
- ___ 1100 Area
- ___ 200 West Area
- ___ 200 East Area
- ___ 300 Area
- ___ 3000 Area
- ___ 600 Area
- ___ 700 Area
- ___ ALE
- ___ Aviation and Space Technology
- ___ B Plant/WESF
- ___ B Reactor
- ___ Casting
- ___ Columbia River
- ___ D Reactor
- ___ DR Reactor
- ___ Earth and Space Science
- ___ F Reactor
- ___ FFTF
- ___ Fuel Fabrication
- ___ Fuel Recycle
- ___ Fuel Handling
- ___ Fuels and Materials Engineering
- ___ Groundwater
- ___ H Reactor
- ___ Isotopes
- ___ KE Reactor
- ___ KW Reactor
- ___ Metallurgy
- ___ N Reactor
- ___ Nuclear Materials Control and Accountability
- ___ Physical Protection and Security
- ___ Plutonium Finishing Plant
- ___ Pollution and Control
- ___ PUREX
- ___ [redacted]nd Radiation Protection
- ___ Radiobiology
- ___ React[redacted]hnology
- ___ REDOX
- ___ S Plant
- ___ Separation Processes and Procedures
- ___ Stockpile
- ___ T Plant
- ___ U Plant
- ___ UO3 Plant
- ✓ Waste Treatment and Disposal
- ___ Weapon Design

RL-114 REV. A-58
GE RICHLAND, WASH.

[redacted]

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DOCUMENT NO. HAW. 95462

alt # CQT-121-66

[redacted]

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				Burns - 9-9-66	
				OK	

WESTINGHOUSE HANFORD COMPANY
DECLASSIFICATION REVIEW
1ST REVIEW - DATE 1/18/96
AUTHORITY ☒ ADC ☐ ADD
NAME: Russ Damm
2ND REVIEW - DATE 1/22/96
AUTHORITY ADD
NAME: J Briggs WHC CO

Covered on stamped mans. ?

Urawell 2/8/96
L Rossi 2/13/96

APPROVED FOR PUBLIC RELEASE
J Briggs
1/22/96

A.E.C.

[redacted] DECLASSIFIED

[redacted]

OPTIONAL FORM NO. 10
MAY 1962 EDITION
GSA GEN. REG. NO. 27

UNITED STATES GOVERNMENT

Memorandum

TO : George F. Penn, Fuels & Metallurgy Branch
Production Division, RL

DATE: AUG 31 1966

FROM : H. V. Werner
SS Materials Representative, SAN

SUBJECT: SCRAP SS MATERIALS AND WASTE FOR BURIAL AT RICHLAND

TSD:VNR

The enclosure describes classified scrap and waste being shipped to Richland for land burial. The shipment will depart from LRL-Livermore on September 7, 1966, by courier-escorted trucks and is scheduled to arrive in Richland for unloading on September 9, 1966.

Enclosure:
LRL listing, COJ-121-66, [redacted]
Cys. 2 and 3, A-39288.

[redacted]

When separated from enclosure, handle this document as UNCLASSIFIED

[redacted]

[redacted]

University of California
Ernest O. Lawrence Radiation Laboratory
P. O. BOX 808
Livermore, California

DOCUMENT NUMBER COJ-121-66
COPY 2 OF 4 SERIES [redacted]
THIS DOCUMENT CONTAINS 2 PAGES

A39288 HAN-95462

No. of Container	Cont. No.	Cont. Type	Gross Wt. Lbs.	Type of Waste	D-38 SS Net Wt.	T_2	Li^6	U-235 SS Net	Isotope	Surface Rad. Readings mr/hr.
17	968 thru 984	30 gal. drums	4,720	D-38 Machine Turnings	596					5
1	MM-66-70	"	419	D-38 Machine Turnings Berkeley-Scrap AEC Approved Write-Off						6
1	MM-65-134	"	286	Dirty D-38 Scrap & Parts	98					5
1	MM-66-69	"	310	"	96					6
1	MM-66-83	Wooden 51x53x78	1,808	Classified Assy.						4
1	MM-66-84	Wooden 52x54x42	1,104	"			Li6&7	Li6		6
1	MM-66-85	Wooden 31x44x33	690	"	973		28	26		6
1	MM-66-86	Wooden 17x27x19	495	"						6
1	MM-66-87	Wooden 39x70x42	5,810	"						2
1	MM-66-88	Wooden 23x23x24	464	Bamboo Scrap						3
1	MM-66-89	Wooden 23x23x18	266	"						3
1	MM-66-96	55 gal. drum	565	Tritium Contaminated Parts & Lithium			Li6&7 665	Li6 645		<1
1	MM-66-100	Metal Glove Box In Wooden Box	1,640	Tritium Contaminated Scrap, Lithium, U-235 & Equipment		T_2 .50	Li6&7 2,142	Li6 2,033	28	28	<1

Total D-38 1,763 kgs.
Total T_2 .50
Total Li6&7 2,835 gms.
Total Li6 2,704 gms.
Total U-235
SS Net 28 gms.
Isotope 28 gms.

[redacted]

University of California
Ernest O. Lawrence Radiation Laboratory
P. O. BOX 808
Livermore, California

[redacted]

No. of Container	Cont. No.	Cont. Type	Gross Wt. Lbs.	Type of Waste	Surface Rad. Readings mr/hr.
1	MM-66-81	Wooden 28x57x31	1,370	Contaminated Classified Steel Scrap	<1
1	MM-66-82	" 18x45x19	490	"	<1
1	MM-66-80	Metal Can 6' Dia.x 91"	5,256	Classified Scrap & Parts	<1
1	MM-66-93	Concrete Block	23,000	Classified Debris Samples	
1	MM-66-90	30 gal.drum	135	Dirty Beryllium Parts & Scrap	<1
1	MM-66-91	"	344	"	<1
1	MM-66-92	"	262	"	<1
1	MM-66-94	Wooden 50x50x52	950	Pu Contaminated Parts & Assorted Irradiated Scrap	40
1	MM-66-95	55 gal. drum	500	Tritium Contaminated Classified Scrap	<1
1	MM-66-97	"	210	Tritium Waste From UC Medical School	<1
1	MM-66-98	"	226	Contaminated Classified Waste	2
1	MM-66-99	Wooden 27x31x37	700	Contaminated Debris Metal	3
1	MM-66-101	30 gal. drum	165	Irradiated Classified Parts	40
1	MM-66-102	"	100	Irradiated Classified Waste	<1
		Sub Total	52,285		
	10 40" x 48" Pallets		700		
		TOTAL GROSS WT.	53,585		

[redacted]

PACKING LIST

No. of Cont.	Cont. No.	Type of Container	Gross Wt.	Type of Waste	Surface Rad. Reading Mr/Hr.
17	968 thru 984	30 gal. drums	4,720	D-38 Machine Turnings	5
1	MM-66-70	"	419	D-38 Machine Turnings-Berkeley Scrap AEC Approved Write-Off	6
1	MM-65-134	"	286	Dirty D-38 Scrap & Parts	5
1	MM-66-69	"	310	Dirty D-38 Scrap & Parts	6
1	MM-66-83	Wooden 51 X 53 X 78	1,808	Classified Assy.	4
1	MM-66-84	Wooden 52 X 54 X 42	1,104	" "	6
1	MM-66-85	Wooden 31 X 44 X 33	690	" "	6
1	MM-66-86	Wooden 17 X 27 X 19	495	" "	6
1	MM-66-87	Wooden 39 X 70 X 42	5,810	" "	2
1	MM-66-88	Wooden 23 X 23 X 24	464	Radioactive Scrap	3
1	MM-66-89	Wooden 23 X 23 X 18	266	" "	3
1	MM-66-96	55 gal. drum	565	Contaminated Parts	<1
1	MM-66-100	Metal Glove Box In Wooden Box	1,640	Contaminated Scrap	<1
1	MM-66-81	Wooden 28 X 57 X 31	1,370	Contaminated Classified Steel Scrap	<1
1	MM-66-82	Wooden 18 X 45 X 19	490	Contaminated Classified Steel Scrap	<1
1	MM-66-80	Metal Can 6' Dia. X 91"	5,256	Classified Scrap & Parts	<1
1	MM-66-93	Concrete Block	23,000	Classified Debris Samples	
1	MM-66-90	30 gal. drum	135	Dirty Beryllium Parts & Scrap	<1
1	MM-66-91	"	344	Dirty Beryllium Parts & Scrap	<1
1	MM-66-92	"	262	Dirty Beryllium Parts & Scrap	<1
1	MM-66-94	Wooden 50 X 50 X 52	950	Pu Contaminated Parts & Assorted Irradiated Scrap	40

PACKING LIST

No. of Cont.	Cont. No.	Type of Container	Gross Wt.	Type of Waste	Surface Rad. Reading Mr/Hr.
1	MM-66-95	55 gal. drum	500	Contaminated Classified Scrap	<1
1	MM-66-97	55 gal. drum	210	Tritium Waste From UC Medical School	<1
1	MM-66-98	55 gal. drum	226	Contaminated Classified Waste	2
1	MM-66-99	Wooden 27 X 31 X 37	700	Contaminated Debris Metal	3
1	MM-66-101	30 gal. drum	165	Irradiated Classified Parts	40
1	MM-66-102	30 gal. drum	100	Irradiated Classified Waste	<1
		SUB-TOTAL	52,285		
		10 40" X 48" Pallets	700		
		TOTAL GROSS WT.	53,585		

54-0600-033 (5-66)

RECEIVING REPORT

MO.	DAY	YR	PAGE	INQUIRY NO.	CERTIFIED UNDER DMS REG — 1	VENDOR CODE	ORDER NUMBER
9	9	66			DOE -		ISO-30148-1

University of California
Livermore, California

SHIP TO: M. L. SHORT
271-U Bldg 200-W
ISOCHEM

IMPORTANT
SHOW PURCHASE ORDER NUMBER ON ALL PACKAGES, INVOICES AND CORRESPONDENCE.
COMPLETE PACKING LIST MUST ACCOMPANY EACH SHIPMENT.

F.O.B. | DATE DELIVERY REQUIRED AT F.O.B. POINT | BUYER

TERMS OF PAYMENT | CODE | SHIP VIA

ITEM	QUANTITY	U/M	DESCRIPTION	UNIT PRICE	TOTAL PRICE	RECEIVED
21	98765432 1	54321	CONFIRMING ORDER IF CHECKED ☐	09876 ▼ 4321	98765 4 ▼ 21	
	35	PCS	Radioactive, waste			35

RECEIVED FROM: SAME
SHIPPED VIA: C. F
SHIPPING POINT: SAME

FRT. BILL NO.	FRT. BILL WEIGHT	DATE RECEIVED	DATE SHIPPED	PCS FRT. BILL	DAMAGE REPORT	O&S REPORT
401-368834	42000	9-9-66		35		

FRT. CHARGES	COLLECT	PPD	CAR INITIAL AND NO.	ABOVE MATERIAL RECEIVED BY	RECEIPT FOR MATERIAL & DATE	PIECES
NOT SHOWN				J. Crow 18		35

ITEM	SERVICE ORG.	FM	ACCOUNT	AUTHOR	BLDG.	AREA	PACKING SLIP YES / NO
				G. Penn	703	700	X
				CO-AUTHOR			Q AND Q YES / NO X
CHARGE NO.				DELIVER TO: M. L. Short	271-U	200W	WRITE-UP D/ 9-12-66

PURCHASING