

## LITERATURE ACCESS CATEGORIES

C-65

**DECLASSIFIED**DOCUMENT NO. *AEC #3569*

ARH-R-133

(CLASSIFICATION)

PROJECT

SERIES AND COPY NO.

Atlantic Richfield Hanford Company  
Richland, Washington 99352

DATE

5-30-73

ISSUING FILE

TITLE AND AUTHOR

ENTD

**CIRCULATING COPY  
RECEIVED**

JUN 1 1973

RETURN TO ARHCO  
DOCUMENT CONTROL  
271-U Bldg., 200 WestREQUEST FOR 239 PLUTONIUM SCRAP PROCESSING SERVICES  
RL CONTROL NO. 76☐ RESTRICTED DATA

THIS DOCUMENT CONTAINS RESTRICTED DATA AS DEFINED IN THE ATOMIC ENERGY ACT OF 1954. ITS TRANSMITTAL OR THE DISCLOSURE OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

☐ OTHER OFFICIAL CLASSIFIED INFORMATION

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECTIONS 793 AND 794, THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

THIS DOCUMENT MUST NOT BE LEFT UNATTENDED. WHEN AN UNAUTHORIZED PERSON MAY HAVE ACCESS TO IT, WHEN NOT IN USE, IT MUST BE STORED IN AN APPROVED LOCKED REPOSITORY WITHIN AN APPROVED GUARDED AREA. WHILE IT IS IN YOUR POSSESSION AND UNTIL YOU HAVE RETURNED IT TO YOUR CLASSIFIED DOCUMENT RESPONSIBILITY OFFICE, IT IS YOUR RESPONSIBILITY TO KEEP IT AND ITS CONTENTS WITHIN THE LIMITS OF THE PROJECT AND FROM ANY UNAUTHORIZED PERSON. ITS TRANSMITTAL TO, AND STORAGE AT YOUR PLACE OF RESIDENCE IS PROHIBITED. IT WILL BE REPRODUCED ONLY IN ACCORDANCE WITH EXISTING SECURITY REGULATIONS. ALL PERSONS READING THIS DOCUMENT ARE REQUESTED TO SIGN IN THE SPACE BELOW.

ROUTE TO:

PAYROLL NO.

LOCATION

FILES ROUTE  
DATE

SIGNATURE AND DATE

T. E. Sparks

60226

Fed. Bldg.

JUN 1 1973

*CRM*

60172

2704 E

JUN 5 1973

60129

2713 E

JUN 8 1973

60101

2713 E

JUN 13 1973

DECLASSIFIED BY CG-NMP-2  
SEPT. 2000 AND APPROVED  
FOR PUBLIC RELEASE  
NAME/DATE *Buzz Hammer* 4/8/03NAME/DATE *DLW* 4/8/03ORG. *PNNL NSAT***DECLASSIFIED**

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RL-511A (2-72)

UNITED STATES ATOMIC ENERGY COMMISSION CENTRAL SCRAP MANAGEMENT OFFICE - RICHLAND OPERATIONS OFFICE <b>REQUEST FOR <sup>239</sup>PLUTONIUM SCRAP PROCESSING SERVICES</b>	RL CONTROL NO. 76
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## SECTION I - TO BE COMPLETED BY SCRAP GENERATOR

INSTRUCTIONS	(A) PREPARE ORIGINAL AND 5 COPIES; FOR DISTRIBUTION INSTRUCTIONS, SEE REVERSE SIDE OF THIS FORM.		
	(B) COMPLETE AND CONCISE DESCRIPTIONS OF SCRAP ITEMS MUST BE FURNISHED WITH EACH REQUEST ON FORMS RL-511C AND 511-D; THESE SHOULD BE ATTACHED TO, AND LISTED IN BLOCK 5 OF, THIS FORM. FORM RL-511-B, PLUTONIUM SCRAP TRANSPORTATION AND DIRECT DISPOSAL COSTS, SHOULD ALSO BE COMPLETED AND ATTACHED TO THIS REQUEST FORM. (SEE ITEM 7 BELOW)		
	(C) IF "NO" IS MARKED FOR ITEM 6 BELOW, GIVE FULL DETAILS ON REVERSE SIDE OF THIS FORM. IN GENERAL, SCRAP WILL NOT BE OFFERED FOR COMMERCIAL PROCESSING WHEN REPLY IS "NO".		
1. TO: U. S. ATOMIC ENERGY COMMISSION RICHLAND OPERATIONS OFFICE P. O. BOX 550 RICHLAND, WASHINGTON 99352 ATTENTION: PLUTONIUM SCRAP COORDINATOR PRODUCTION & WASTE MANAGEMENT PROGRAMS DIVISION		2. FROM: Battelle, Pacific Northwest Laboratory P. O. Box 999 Richland, Washington 99352	
3. PRIME CONTRACT NO. GENERATING SCRAP AT (45-1) 1830		5. DECLARATION NUMBERS OF ATTACHED FORMS RL-511C  55	
4. PROGRAM OR PROJECT NUMBER(S) H-32511-00-00			
6. SCRAP IS AVAILABLE FOR IMMEDIATE DELIVERY TO A PROCESSOR <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (SEE INSTRUCTION C)			
7. REQUESTOR HEREBY CERTIFIES THAT THE SCRAP COVERED BY THIS REQUEST WILL BE SHIPPED IN CONFORMANCE WITH AECM 0529 AND THAT THE ESTIMATED TRANSPORTATION COSTS ARE DETAILED ON FORM RL-511B, ATTACHED.			
8. DATE 5-17-73	9. SIGNATURE OF REQUESTOR <i>H. L. Henry</i>	10. NAME AND TITLE H. L. Henry, Manager - Safety and Nuclear Materials Management	

## SECTION II - CONCURRENCE OF ADMINISTRATING FIELD OFFICE

THE DESCRIPTIVE AND ALL OTHER DATA ON ATTACHED FORMS RL-511B, 511C, AND 511D, HAVE BEEN REVIEWED FOR COMPLETENESS AND ACCURACY. THIS OFFICE HEREBY CERTIFIES THAT THIS SCRAP IS AVAILABLE AND MAY BE OFFERED BY RL FOR COMMERCIAL PROCESSING.		
1. DATE 5/29/73	2. SIGNATURE <i>P. Craig</i>	3. OPERATIONS OFFICE RL

## SECTION III - RL REPLY TO ADMINISTRATING FIELD OFFICE (SEE INSTRUCTION A)

<input checked="" type="checkbox"/> SCRAP IS RECOVERABLE. SHIP TO ADDRESS SHOWN FOR RECOVERY.	<input type="checkbox"/> SCRAP IS SUITABLE FOR STORAGE AS POTENTIALLY RECOVERABLE. STORE AS INSTRUCTED.	<input type="checkbox"/> SCRAP IS NOT RECOVERABLE. ARRANGE DISPOSAL AS INSTRUCTED.
SHIPPING ADDRESS AND INSTRUCTIONS Scrap recovery funding is available for this scrap from the 03 Program. Ship promptly to ARHCO Bldg. 234-5, 200-W Area Attention: R. E. Olson cc: ARHCO		
AEC No. 3564 Action: CWM Reply Due: N/A Info: Route 1 copy: LMR RPC/JHW JF LBC/C.File Route 1 copy: LIB REO DLR 1 copy: CWM		
RECEIVED JUN 1 1973 TE SPARKS		
DATE MAY 30 1973	SIGNATURE ORIGINAL SIGNED BY M. J. RASMUSSEN	TITLE Plutonium Scrap Coordinator

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MAY 1 1973

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RL-511-B (REV 2-72)  
ACORN RICHLAND, WASH.

UNITED STATES ATOMIC ENERGY COMMISSION

RICHLAND OPERATIONS OFFICE

239 PLUTONIUM SCRAP TRANSPORTATION OR DIRECT DISPOSAL COSTS

PROPOSED SHIPPING METHOD

☐ RAIL ☒ TRUCK ☐ LTL ☐ EVV

SCRAP LOT AND/OR  
DECLARATION NO.

GUTHRIE, OKLA.

APOLLO, PA.

RICHLAND, WASH.

FROM PRESENT LOCATION TO:

DIRECT DISPOSAL

Loaded

\$ 8.68/100 lb.

\$ 10.08/100 lb.

\$ Negl.

\$

\$

empty return

7.46/100 lb.

8.63/100 lb.

Negl.

COST TO SHIP ALL  
THE ABOVE LOTS TO  
THIS DESTINATION

\$

\$

\$

\$

\$

\$

REMARKS

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UNITED STATES ATOMIC ENERGY COMMISSION  
RICHLAND OPERATIONS OFFICE

## 239 PLUTONIUM SCRAP DECLARATION

1. LOCATION OF SCRAP  
Battelle, Pacific Northwest Laboratory  
P.O. Box 999 - Richland, WA 99352  
231-Z Building, 200-W Area

2. GENERATING CONTRACTOR  
REPORTING IDENT SYMBOL  
HYA

3. DECLARATION NO.  
55  
SHEET 1 OF 1

5. SCRAP GRADE CODE  
53C02

4. SECURITY CLASSIFICATION OF SCRAP  
☐ UNCL. ☒ CONF. ☐ SECRET  
REASON FOR CLASSIFICATION  
☐ COMPOSITION ☐ PHYSICAL

6. OUTER CONTAINER NO.	7. SIZE OR TYPE	8. GROSS WT. (POUNDS)	9. INNER CONTAINER NO.	10. * SCRAP DESCRIPTION (PRINCIPAL COMPOUND OR ELEMENTS AND FORM)	11. WT. % Pu 240	12. SCRAP NET WT. (GRAMS)	13. PLUTONIUM TOTAL ELEMENT	14. 238+241 ISOTOPE
	Not packaged for offsite shipment			PuO <sub>2</sub> from burned Ga. stabilized metal.  This plutonium scrap was generated on work for Related Services Request, BNW 534, P.O. SANL 160-007	6	~415	350	93.5
				<p>15. TOTAL NUMBER TRANSPORT INDEX UNITS FOR ALL CONTAINERS ON THIS SHEET (SEE AECM0529 AND 49 CFR, PART 173.889)</p> <p>16. COGNIZANT INDIVIDUAL F.J. Zelle/J.C. Dunn TELEPHONE NO. 946-2499/942-2431</p> <p>GENERATOR CERTIFIES ABOVE SCRAP IS UNIRRADIATED CONTAINS TYPICALLY LOW 238PU IN A SAFE CHEMICAL FORM</p> <p>Yes Yes Yes</p> <p>17. RL LOT NO.</p>				
				<p>TOTAL</p> <p>415 350 93.5</p>				

\* USE FORM RL-511D TO PROVIDE SUPPLEMENTARY DESCRIPTION

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UNITED STATES ATOMIC ENERGY COMMISSION  
 RICHLAND OPERATIONS OFFICE  
**239 PLUTONIUM SCRAP DECLARATION**

**SUPPLEMENTARY DESCRIPTION**

9. INNER CONTAINER NO.	10: A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	PU241 %	U-235%	U-233 %	URANIUM GRAMS	U-235 GRAMS	U-233 GRAMS	THORIUM GRAMS	CLADDING	RARE EARTHS	HALIDES	PHOSPHATE	SULFATE	TIN	AM-241	OTHER
DECLASSIFIED	0.5	---	---	---	---	---	---	---	1% Ga						DECLASSIFIED



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Date: June 1, 1973  
To: A. E. Barber  
From: T. E. Sparks  
Subject: DOCUMENT NO. ARH-R-00133  
REQUEST FOR 239 PLUTONIUM SCRAP PROCESSING SERVICES  
RL CONTROL NUMBER 76

One copy of above document was received from your office  
June 1, 1973.

Would you please prepare copies of the document and route  
with a copy of this letter as indicated below:

AEC No. 3569  
Action: CW Malody  
Reply Due: N/A  
Info:  
Route 1 copy: LM Richards  
RP Corlew/JH Warren  
J Faulhaber  
LB Christopher/Central File  
Route 1 copy: LI Brecke  
RE Olson  
DL Richardson  
1 copy: CW Malody

TES:err

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OLIVE  
JUN 6 1973  
OFFICE OF  
C. W. MALODY