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Pacific Northwest Laboratories
Richland, Washington 99352

MANAGEMENT IMPROVEMENT PROGRAM
SCRAP NUCLEAR MATERIALS

W. D. Richmond

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July 14, 1972

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By Authority of RLO - CG - 45,

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By Jerri Mahon, 2-17-94

Verified by J E Savely, 2-23-94

Mr. R. L. Ferguson, Director
Contract Administration Division
U. S. Atomic Energy Commission
Richland Operations Office
Richland, Washington 99352

Dear Mr. Ferguson:

Subject: MANAGEMENT IMPROVEMENT PROGRAM - SCRAP NUCLEAR MATERIALS

Attached are the "scrap activity sheets" for BNW as requested by Mr. C. E. Crouch's letter of May 11, 1972.

Scrap disposition activity was funded during the second half of FY-1972, with actual disposition work peaking during the fourth quarter of FY-1972. Consequently, BNW inventories were on a fast negative slope at the close of FY-1972. Momentum of this work is expected to continue, subject to availability of funding, such that the bulk of identified scrap and surplus materials can be disposed of early in FY-1973. We view this as a significant achievement; BNW inventories are being substantially reduced.

For the future, our further planning is described by our Materials Management Plan of March 21, 1972. Details for 04 materials disposal are given in AEC Form 189, Numbers 12477 and 12644.

Generally, funds for scrap handling have been included in program budgets without being separately identified. Correspondingly, our cost accounting practices do not segregate scrap handling costs. All cost data are necessarily based on rough estimates.

A substantial cost category not included on your data sheet is analytical expense. We have included analytical expense with packaging cost in every case.

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July 14, 1972

At your invitation for related comments, the following seem pertinent from our point of view:

1. Formalizing scrap handling arrangements through CSMO's yields a more orderly system, but we fear it will be more cumbersome in certain instances. Additional paper and approvals are certain to take more time for scrap handling and result in larger scrap inventories awaiting disposition decisions. We suggest that some form of extended approval for routine repetitive scrap movements would be beneficial.
2. The frequency of requests for special information and reports has sharply increased. The need for some of the reports has not been apparent; and there have been some requests that seemed redundant. Hopefully, this traffic can be reduced to a more reasonable level of effort. In addition, it is hoped that report formats can be standardized to permit redesigning our EDP system to provide the information required and reduce the manual data search now so often required.

Very truly yours,

W. D. Richmond
Assistant Laboratory Director

WDR:mt

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Classified by: H. L. Henry

RIS HYA

(Site) Richland, Washington

Program 2/ 2 This document consists of 5 pages, No. 5,
9 copies, Series A

Plus two unclassified
 attachments

	02	03	04	05	Totals
	Gm of	Uranium	(Total Element) in Scrap		
1. In Scrap On Hand, 7/1/71	<u>561</u>	<u>-0-</u>	<u>36,027</u>	<u>169</u>	<u>36,757</u>
2. Discarded As Waste <u>3/</u>	<u>(-0-)</u>	<u>(-0-)</u>	<u>(155)</u>	<u>(-0-)</u>	<u>(-0-)</u>
3. Adjusted Beginning Inventory, 7/1/71	<u>561</u>	<u>-0-</u>	<u>35,872</u>	<u>169</u>	<u>36,602</u>
Additions From:					
4. Scrap Generated On-site	<u>-0-</u>	<u>10,473</u>	<u>371</u>	<u>98</u>	<u>10,942</u>
5. Off-site Scrap Received	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Reductions From:					
6. Scrap Shipped to ARHCO XXXXXX XXXXX XXXXX XXXX	<u>-0-</u>	<u>299</u>	<u>-0-</u>	<u>-0-</u>	<u>299</u>
7. Scrap Shipped Off-site	<u>-0-</u>	<u>10,052</u>	<u>16,208</u>	<u>98</u>	<u>26,358</u>
8. Adjustments <u>4/</u>	<u>-0-</u>	<u>122^(a)</u>	<u>23^(a)</u>	<u>61^(b)</u>	<u>206</u>
9. In Total Scrap On Hand, 6/30/72	<u>561</u>	<u>-0-</u>	<u>20,012</u>	<u>108</u>	<u>20,681</u>
10. In Undeclared Scrap On Hand, 6/30/72 <u>5/</u>	<u>469</u>	<u>-0-</u>	<u>6,295</u>	<u>108</u>	<u>6,872</u>

Allocated Budget \$ Spent 6/ On E.U. 10% & > 1/ Scrap Management During FY 1972 For:

	- - - - - Thousands of Dollars - - - - -				
11. Packaging	<u>-0-</u>	<u>1</u>	<u>4</u>	<u>*</u>	<u>5</u>
12. Warehousing (or Storage)	<u>-0-</u>	<u>-0-</u>	<u>*</u>	<u>*</u>	<u>*</u>
13. Shipping	<u>-0-</u>	<u>-0-</u>	<u>1</u>	<u>*</u>	<u>1</u>
14. Processing	<u>-0-</u>	<u>3^(c)</u>	<u>-0-</u>	<u>*</u>	<u>3</u>
15. Other <u>7/</u>	<u>-0-</u>	<u>-0-</u>	<u>1</u>	<u>*</u>	<u>1</u>
16. Total	<u>-0-</u>	<u>4</u>	<u>6</u>	<u>*</u>	<u>10</u>

Explanatory Notes for Filling Out Form Sheet.

1/ A separate sheet for grams of total element (plutonium or uranium) should be prepared by or for each RIS for each one of the following scrap nuclear materials: (a) plutonium-239, (b) plutonium-238, (c) uranium from normal to less than 10% enrichment, and (d) uranium enriched to 10% and greater. In case of scrap containing more than one of the foregoing nuclear materials, each nuclear material should be reported on the appropriate sheet.

2/ Use a separate column, identified for each program's (02, 03, 04, etc.) scrap.

3/ In scrap on hand, 7/1/71, that subsequently was determined to be waste.

4.	Scrap Generated On-site	<u>-0-</u>	<u>10,473</u>	<u>371</u>	<u>98</u>	<u>10,942</u>
5.	Off-site Scrap Received	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Reductions From:						
Shipped to ARHCO						
6.	Scrap Processed On-site	<u>-0-</u>	<u>299</u>	<u>-0-</u>	<u>-0-</u>	<u>299</u>
7.	Scrap Shipped Off-site	<u>-0-</u>	<u>10,052</u>	<u>16,208</u>	<u>98</u>	<u>26,358</u>
8.	Adjustments <u>4/</u>	<u>-0-</u>	<u>122^(a)</u>	<u>23^(a)</u>	<u>61^(b)</u>	<u>206</u>
9.	In Total Scrap On Hand, 6/30/72	<u>561</u>	<u>-0-</u>	<u>20,012</u>	<u>108</u>	<u>20,681</u>
10.	In Undeclared Scrap On Hand, 6/30/72 <u>5/</u>	<u>469</u>	<u>-0-</u>	<u>6,295</u>	<u>108</u>	<u>6,872</u>
Allocated Budget \$ Spent <u>6/</u> On E.U. 10% & > <u>1/</u> Scrap Management During FY 1972 For:						

----- Thousands of Dollars -----						
11.	Packaging	<u>-0-</u>	<u>1</u>	<u>4</u>	<u>*</u>	<u>5</u>
12.	Warehousing (or Storage)	<u>-0-</u>	<u>-0-</u>	<u>*</u>	<u>*</u>	<u>*</u>
13.	Shipping	<u>-0-</u>	<u>-0-</u>	<u>1</u>	<u>*</u>	<u>1</u>
14.	Processing	<u>-0-</u>	<u>3^(c)</u>	<u>-0-</u>	<u>*</u>	<u>3</u>
15.	Other <u>7/</u>	<u>-0-</u>	<u>-0-</u>	<u>1</u>	<u>*</u>	<u>1</u>
16.	Total	<u>-0-</u>	<u>4</u>	<u>6</u>	<u>*</u>	<u>10</u>

Explanatory Notes for Filling Out Form Sheet.

1/ A separate sheet for grams of total element (plutonium or uranium) should be prepared by or for each RIS for each one of the following scrap nuclear materials: (a) plutonium-239, (b) plutonium-238, (c) uranium from normal to less than 10% enrichment, and (d) uranium enriched to 10% and greater. In case of scrap containing more than one of the foregoing nuclear materials, each nuclear material should be reported on the appropriate sheet.

2/ Use a separate column, identified for each program's (02, 03, 04, etc.) scrap.

3/ In scrap on hand, 7/1/71, that subsequently was determined to be waste.

4/ Adjustments for MUF, gains, losses in scrap processing, waste discards, etc., in order to complete FY 1972 material balance. Adjustment(s) should be explained by footnote(s).

5/ That amount included in Line 9 which had not yet been declared to CSMO, as of 6/30/72.

6/ If exact amounts are not available, reasonable estimates to the extent required will be acceptable.

7/ Identify by footnote(s).

(a) Discard

(b) Discard 52 grams, MUF 9 grams

(c) Processing to form suitable for shipment
* Less than \$500.

Plutonium 1/ SCRAP ACTIVITY SHEET FOR FY 1972 (7/1

BNWL-C-100

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(Site) Richland, Washington

This document contains no

RIS HYA

Program 2/ 9 Plus two unclassified attachments.

	<u>02</u>	<u>03</u>	<u>04</u>	<u>05</u>	Totals
Gm of Plutonium (Total Element) in Scrap					
1. In Scrap On Hand, 7/1/71	66,451	20,578	31,622	13	118,664
2. Discarded As Waste <u>3/</u>	(-0-)	(-0-)	(-0-)	(-0-)	(-0-)
3. Adjusted Beginning Inventory, 7/1/71	66,451	20,578	31,622	13	118,664
Additions From:					
4. Scrap Generated On-site	-0-	172,753	135,832	4,690	313,275
5. Off-site Scrap Received	-0-	-0-	-0-	-0-	-0-
Reductions From:					
6. Scrap Processed On-site	66,247	119,555	48,802	-0-	234,604
7. Scrap Shipped Off-site	-0-	-0-	-0-	-0-	-0-
8. Adjustments <u>4/</u>	203 ^(a)	911 ^(b)	-0-	-0-	1,114
9. In Total Scrap On Hand, 6/30/72	1	72,865	118,652 ^(c)	4,703	196,221
10. In Undeclared Scrap On Hand, 6/30/72 <u>5/</u>	1	72,865	501	-0-	73,367

Allocated Budget \$ Spent 6/ On 1/ Scrap Management During FY 1972 For:

	Thousands of Dollars				
11. Packaging	8	20	19	-0-	47
12. Warehousing (or Storage)	*	*	*	*	*
13. Shipping	*	5	1	-0	6
14. Processing	15 ^(d)	60 ^(d)	20 ^(d)	-0-	95
15. Other <u>7/</u>	-0-	-0-	-0-	-0-	-0-
16. Total	23	85	40	*	148

Explanatory Notes for Filling Out Form Sheet.

1/ A separate sheet for grams of total element (plutonium or uranium) should be prepared by or for each RIS for each one of the following scrap nuclear materials: (a) plutonium-239, (b) plutonium-238, (c) uranium from normal to less than 10% enrichment, and (d) uranium enriched to 10% and greater. In case of scrap containing more than one of the foregoing nuclear materials, each nuclear material should be reported on the appropriate sheet.

2/ Use a separate column, identified for each program's (02, 03, 04, etc.) scrap.

3/ In scrap on hand 7/1/71 (first adjustment for scrap determined by the program)

Additions From:

4.	Scrap Generated On-site	<u>-0-</u>	<u>172,753</u>	<u>135,832</u>	<u>4,690</u>	<u>313,275</u>
5.	Off-site Scrap Received	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
Reductions From:						
	Shipped to ARHCO					
6.	Scrap Processed On-site	<u>66,247</u>	<u>119,555</u>	<u>48,802</u>	<u>-0-</u>	<u>234,604</u>
7.	Scrap Shipped Off-site	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
8.	Adjustments <u>4/</u>	<u>203^(a)</u>	<u>911^(b)</u>	<u>-0-</u>	<u>-0-</u>	<u>1,114</u>
9.	In Total Scrap On Hand, 6/30/72	<u>1</u>	<u>72,865</u>	<u>118,652^(c)</u>	<u>4,703</u>	<u>196,221</u>
10.	In Undeclared Scrap On Hand, 6/30/72 <u>5/</u>	<u>1</u>	<u>72,865</u>	<u>501</u>	<u>-0-</u>	<u>73,367</u>
Allocated Budget \$ Spent <u>6/</u> On <u>1/</u> Scrap Management During FY 1972 For:						

- - - - - Thousands of Dollars - - - - -

11.	Packaging	<u>8</u>	<u>20</u>	<u>19</u>	<u>-0-</u>	<u>47</u>
12.	Warehousing (or Storage)	<u>*</u>	<u>*</u>	<u>*</u>	<u>*</u>	<u>*</u>
13.	Shipping	<u>*</u>	<u>5</u>	<u>1</u>	<u>-0</u>	<u>6</u>
14.	Processing	<u>15^(d)</u>	<u>60^(d)</u>	<u>20^(d)</u>	<u>-0-</u>	<u>95</u>
15.	Other <u>7/</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
16.	Total	<u>23</u>	<u>85</u>	<u>40</u>	<u>*</u>	<u>148</u>

Explanatory Notes for Filling Out Form Sheet.

- 1/ A separate sheet for grams of total element (plutonium or uranium) should be prepared by or for each RIS for each one of the following scrap nuclear materials: (a) plutonium-239, (b) plutonium-238, (c) uranium from normal to less than 10% enrichment, and (d) uranium enriched to 10% and greater. In case of scrap containing more than one of the foregoing nuclear materials, each nuclear material should be reported on the appropriate sheet.
- 2/ Use a separate column, identified for each program's (02, 03, 04, etc.) scrap.
- 3/ In scrap on hand, 7/1/71, that subsequently was determined to be waste.
- 4/ Adjustments for MUF, gains, losses in scrap processing, waste discards, etc., in order to complete FY 1972 material balance. Adjustment(s) should be explained by footnote(s).
- 5/ That amount included in Line 9 which had not yet been declared to CSMO, as of 6/30/72.
- 6/ If exact amounts are not available, reasonable estimates to the extent required will be acceptable.
 - (a) MUF
 - (b) MUF 761 grams, discard 150 grams
 - (c) 16,412 grams of declared scrap was not reflected as such on COEI report.
 - (d) Processing to form acceptable to ARHCO
 - * Less than \$500
- 7/ Identify by footnote(s).

DECLASSIFIED(Site) Richland, WashingtonRIS HYAProgram 2/

	<u>02</u>	<u>04</u>	Totals
Gm of	Uranium	(Total Element)	in Scrap

1. In Scrap On Hand, 7/1/71	3,312,963	1,688,413	5,001,376
2. Discarded As Waste <u>3/</u>	(-0-)	(17)	(17)
3. Adjusted Beginning Inventory, 7/1/71	3,312,963	1,688,396	5,001,359

Additions From:

4. Scrap Generated On-site	2,279,118	697,038	2,976,156
5. Off-site Scrap Received	--	--	--

Reductions From:

6. Scrap XXXXXXXXXXXX Shipped to ARHCO	229,425	--	229,425
7. Scrap Shipped Off-site	5,284,470	399,767	5,684,237
8. Adjustments <u>4/</u>	8,922 ^(a)	606 ^(a)	9,528
9. In Total Scrap On Hand, 6/30/72	69,264	1,985,061	2,054,325
10. In Undeclared Scrap On Hand, 6/30/72 <u>5/</u>	34,024	160,725	194,749

Allocated Budget \$ Spent 6/ On E. U. <10% 1/ Scrap Management During FY 1972 For:

----- Thousands of Dollars -----

11. Packaging	5	74	79
12. Warehousing (or Storage)	*	*	*
13. Shipping	--	2	2
14. Processing	2 ^(b)	--	2
15. Other <u>7/</u>	--	2 ^(c)	2
16. Total	7	78	85

Explanatory Notes for Filling Out Form Sheet.

1/ A separate sheet for grams of total element (plutonium or uranium) should be prepared by o for each RIS for each one of the following scrap nuclear materials: (a) plutonium-239, (b) plutonium-238, (c) uranium from normal to less than 10% enrichment, and (d) uranium enriched to 10% and greater. In case of scrap containing more than one of the foregoing nuclear materials, each nuclear material should be reported on the appropriate sheet.

2/ Use a separate column, identified for each program's (02, 03, 04, etc.) scrap.

3/ In scrap on hand, 7/1/71, that subsequently was determined to be waste.

Additions From:

4.	Scrap Generated On-site	2,279,118	_____	697,038	_____	2,976,156
5.	Off-site Scrap Received	__	_____	__	_____	__

Reductions From:

6.	Scrap XXXXXXXXXX Shipped to ARHCO	229,425	_____	__	_____	229,425
7.	Scrap Shipped Off-site	5,284,470	_____	399,767	_____	5,684,237
8.	Adjustments <u>4/</u>	8,922 ^(a)	_____	606 ^(a)	_____	9,528
9.	In Total Scrap On Hand, 6/30/72	69,264	_____	1,985,061	_____	2,054,325
10.	In Undeclared Scrap On Hand, 6/30/72 <u>5/</u>	34,024	_____	160,725	_____	194,749

Allocated Budget \$ Spent 6/ On E. U. <10% 1/ Scrap Management During FY 1972 For:

- - - - - Thousands of Dollars - - - - -

11.	Packaging	5	_____	74	_____	79
12.	Warehousing (or Storage)	*	_____	*	_____	*
13.	Shipping	--	_____	2	_____	2
14.	Processing	2 ^(b)	_____	--	_____	2
15.	Other <u>1/</u>	--	_____	2 ^(c)	_____	2
16.	Total	7	_____	78	_____	85

Explanatory Notes for Filling Out Form Sheet.

- 1/ A separate sheet for grams of total element (plutonium or uranium) should be prepared by for each RIS for each one of the following scrap nuclear materials: (a) plutonium-239, (b) plutonium-238, (c) uranium from normal to less than 10% enrichment, and (d) uranium enriched to 10% and greater. In case of scrap containing more than one of the foregoing nuclear materials, each nuclear material should be reported on the appropriate sheet.
- 2/ Use a separate column, identified for each program's (02, 03, 04, etc.) scrap.
- 3/ In scrap on hand, 7/1/71, that subsequently was determined to be waste.
- 4/ Adjustments for MUF, gains, losses in scrap processing, waste discards, etc., in order to complete FY 1972 material balance. Adjustment(s) should be explained by footnote(s).
- 5/ That amount included in Line 9 which had not yet been declared to CSMO, as of 6/30/72.
- 6/ If exact amounts are not available, reasonable estimates to the extent required will be acceptable.
- 7/ Identify by footnote(s).

(a) MUF

(b) Processing to prepare for shipment

(c) Preparation of Safety Analysis Report

* Less than \$500

238Pu

1/ SCRAP ACTIVITY SHEET FOR FY 1972 (7/1/71 - 6/30/72)

DECLASSIFIED

RIS

HYA

(S) (U) (C) (D) (H) (L) (N) (P) (R) (T) (V) (W) (X) (Y) (Z)

Program 2/

	04	08	Totals
Gm of Plutonium (Total Element) in Scrap			

1. In Scrap On Hand, 7/1/71

	12.0	4.1	16.1
--	------	-----	------

2. Discarded As Waste 3/

()	(-0-)	()	(-0-)	(-0-)
-----	---------	-----	---------	---------

3. Adjusted Beginning Inventory,
7/1/71

	12.0	4.1	16.1
--	------	-----	------

Additions From:

4. Scrap Generated On-site

	-0-	-0-	-0-
--	-----	-----	-----

5. Off-site Scrap Received

	-0-	-0-	-0-
--	-----	-----	-----

Reductions From:

6. Scrap Processed On-site

	-0-	-0-	-0-
--	-----	-----	-----

7. Scrap Shipped Off-site

	11.3	3.3	14.6
--	------	-----	------

8. Adjustments 4/

	0.7 ^(a)	0.8 ^(a)	1.5 ^(a)
--	--------------------	--------------------	--------------------

9. In Total Scrap On Hand,
5 6/30/72

	-0-	-0-	-0-
--	-----	-----	-----

10. In Undeclared Scrap On Hand,
6/30/72 5/

	-0-	-0-	-0-
--	-----	-----	-----

Allocated Budget \$ Spent 6/ On 238Pu 1/ Scrap Management During FY 1972 For:

- - - - - Thousands of Dollars - - - - -

11. Packaging

	*	*	*
--	---	---	---

12. Warehousing (or Storage)

--	--	--	--

13. Shipping

	*	*	*
--	---	---	---

14. Processing

--	--	--	--

15. Other 7/

--	--	--	--

16. Total

	*	*	*
--	---	---	---

Explanatory Notes for Filling Out Form Sheet.

1/ A separate sheet for grams of total element (plutonium or uranium) should be prepared by or for each RIS for each one of the following scrap nuclear materials: (a) plutonium-239, (b) plutonium-238, (c) uranium from normal to less than 10% enrichment, and (d) uranium enriched to 10% and greater. In case of scrap containing more than one of the foregoing nuclear materials, each nuclear material should be reported on the appropriate sheet.

2/ Use a separate column, identified for each program's (02, 03, 04, etc.) scrap.

3/ In scrap on hand, 7/1/71, that subsequently was determined to be waste.

Additions From:

4.	Scrap Generated On-site	<u> </u>	<u>-0-</u>	<u> </u>	<u>-0-</u>	<u>-0-</u>
5.	Off-site Scrap Received	<u> </u>	<u>-0-</u>	<u> </u>	<u>-0-</u>	<u>-0-</u>

Reductions From:

6.	Scrap Processed On-site	<u> </u>	<u>-0-</u>	<u> </u>	<u>-0-</u>	<u>-0-</u>
7.	Scrap Shipped Off-site	<u> </u>	<u>11.3</u>	<u> </u>	<u>3.3</u>	<u>14.6</u>
8.	Adjustments <u>4/</u>	<u> </u>	<u>0.7^(a)</u>	<u> </u>	<u>0.8^(a)</u>	<u>1.5^(a)</u>
9.	In Total Scrap On Hand, 5 %/30/72	<u> </u>	<u>-0-</u>	<u> </u>	<u>-0-</u>	<u>-0-</u>
10.	In Undeclared Scrap On Hand, 6/30/72 <u>5/</u>	<u> </u>	<u>-0-</u>	<u> </u>	<u>-0-</u>	<u>-0-</u>

Allocated Budget \$ Spent 6/ On 238Pu 1/ Scrap Management During FY 1972 For:

- - - - - Thousands of Dollars - - - - -

11.	Packaging	<u> </u>	<u>*</u>	<u> </u>	<u>*</u>	<u>*</u>
12.	Warehousing (or Storage)	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
13.	Shipping	<u> </u>	<u>*</u>	<u> </u>	<u>*</u>	<u>*</u>
14.	Processing	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
15.	Other <u>7/</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
16.	Total	<u> </u>	<u>*</u>	<u> </u>	<u>*</u>	<u>*</u>

Explanatory Notes for Filling Out Form Sheet.

- 1/ A separate sheet for grams of total element (plutonium or uranium) should be prepared by o for each RIS for each one of the following scrap nuclear materials: (a) plutonium-239, (b) plutonium-238, (c) uranium from normal to less than 10% enrichment, and (d) uranium enriched to 10% and greater. In case of scrap containing more than one of the foregoing nuclear materials, each nuclear material should be reported on the appropriate sheet.
- 2/ Use a separate column, identified for each program's (02, 03, 04, etc.) scrap.
- 3/ In scrap on hand, 7/1/71, that subsequently was determined to be waste.
- 4/ Adjustments for MUF, gains, losses in scrap processing, waste discards, etc., in order to complete FY 1972 material balance. Adjustment(s) should be explained by footnote(s).
- 5/ That amount included in Line 9 which had not yet been declared to CSMO, as of 6/30/72.
- 6/ If exact amounts are not available, reasonable estimates to the extent required will be acceptable.
- 7/ Identify by footnote(s).
 - (a) MUF - determined by recovered quantities
 - * LESS Than \$500.

**DATE
FILMED**

10 / 12 / 94

END