

NOTIFICATION OF STOCKPILE INSPECTION

1. NAME AND LOCATION OF DEPOT OR SITE New Haven Depot 15411 Dawkins Rd.; New Haven, IN 46774		2. NAME AND TYPE OF COMMODITY Radiological Readings on Radiological Waste from Tantalum Sampling	3. SERIAL NO. 1
D A T E	A. LAST	6. TYPE OF STORAGE AND SPECIFIC DEPOT AREA Warehouse 214; Section 3	4. ID NO.
	B. THIS 15-May-03		

7. NAME AND TITLE OF PERSON RESPONSIBLE FOR MATERIAL John Olszewski; Facilities Distribution Manager	7A. TELEPHONE NO. 219-937-5383	7B. FAX NO.
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INSPECTION DATA (Check and complete. Explain negative responses.)

	INSPECTION DATA	N/A	YES	NO
8. STORAGE	A. Storage Sites Are of the Type Prescribed in the Operations Manual. B. Storage Sites Are Maintained in accordance with established regulations and policies.			
9. MATERIAL	A. Material Is Stored in the Manner Prescribed in the Operations Manual. B. Material is Visually Free of Deterioration, Infestation, Contamination, Comingling, Migration and Erosion.			
10. RECORDS	A. Depot Manager Confirmed that all inventory entries have been posted on the DNSC 46 card.			
	B. Depot 46 card Postings indicate Last RR No. _____ Dated _____ Last OSR No. _____ Dated _____			
11. UNITS	Quantity indicated in Item 14 reflects depot postings and agrees with actual count.			
12. SECURITY AND FIRE PROTECTION	Security and Fire Protection are being provided in accordance with Operations Manual Requirements. All Fire Extinguishers/ Engineering Controls are properly maintained in accordance to established policies.			
13. CONTAINERS, PILES, OR OTHER UNITS	A. Material is Stored in Proper Containers (Check only if applicable)			
	B. All containers, Piles and/or Units Are Marked as Prescribed in the Operations Manual. C. Condition of Containers (Give exact number in Class III under remarks)	(1) CLASS I %	(2) CLASS II %	(3) CLASS III %

14. DESCRIPTION OF CONTAINERS, PILES, OR OTHER UNITS

PROGRAM a.	TYPE (Pile, case, ingot, bale, etc.)	WIDTH c.	LENG- TH d.	HEIGHT e.	DIAM- ETER f.	g. WEIGHT OF UNIT		TOTAL NUMBER OF UNITS h.	I. TOTAL WEIGHT	
						(1) GROSS	(2) NET		(1) GROSS LBS	(2) NET S/T
NDS										
NDS										
NDS										
TOTALS									0	0

15. REMARKS (Review all other appropriate questions contained in "guide for the inspection of stockpiled materials" and, if deficiencies are found, give the appropriate guide numbers and complete details in this block)

See Attached DNSC form 30 Continuation Sheet / Results

16. RECOMMENDATIONS (Not to be construed by storage depot or facility as authorization to proceed with remedial measures beyond the scope of usual authority)

None

17. DISTRIBUTION	<input type="checkbox"/> 1 DNSC-Depot's File <input type="checkbox"/> 1 DNSC-Specialist's Copy <input type="checkbox"/> 2 Other	K. Reilly;	M. Pecullan
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18. NAME OF SPECIALIST (Type or print) William J. Till, General Supply Specialist	18A. SIGNATURE /SIGNED/	18. DATE OF SIGNATURE 15-May-03
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Continuation Sheet DNSC form 30 dtd 15 May 03
New Haven Depot
Special radiological survey

Introduction:

Columbium Tantalum Reserve Samples were returned to their respective lot drums.
Note: There are 268 lots of this material.

Columbium Tantalum Batch Samples were returned to the highest radioactive lots of the batch.

Note: There are 60 batch lots of this material.

Method:

An Eberline E-600 Portable Radiation Monitor with an SHP-380A alpha probe calibrated 4-23-03 and having an effective area of 100 cm², was used to monitor the material. A table covered with plastic is used for surveying the waste material. A rack is used to hang cleaning wipes for surveying. The contaminated waste is surveyed in increments as indicated below. The indicated reading represents the highest reading if more than one reading was taken of one such item or area.

Results:

Oct 14-18, 2002 (Background = 35 dpm)

Tyvek = 150 dpm, 160 dpm

Gloves = 120 dpm

Oct 21-24, 2002 (Background = 35 dpm)

Tyvek wipe = 160 dpm, 170 dpm, 150 dpm

Gloves = 150 dpm

Oct 28, 2002 (Background = 30 dpm)

Tyvek = 180 dpm

Nov 5, 2002

Tyvek = 180 dpm

Gloves = 150 dpm

Nov 5 2002

Tyvek = 175 dpm

Cleaning wipe = 165 dpm

Nov 6, 2003 (E-600 shows out of calibration)

Instrument sent in for calibration.

The following is for cleaning of the sample containers after the sample material was returned to the lots:

An E-600 Portable Radiation Monitor with an SHP-380A alpha probe calibrated 2-19-03 and having an effective area of 100 cm² was used for this portion of the report.

The 60 batch lot samples were emptied into the most radioactive lot of the batch and the bags were reserved in two gallon cans to be surveyed for contamination (possible radioactive waste).

The 268 samples were removed from their individual cans and put into their respective lot drum. The cans were cleaned and the wipes scanned for possible radioactive waste.

April 22, 2003 (Background = 10 dpm)

Cleaning Wipes = 100 dpm, 100 dpm, 75 dpm, 56, dpm, 110 dpm, 107 dpm, 91 dpm, 110 dpm, 56 dpm, 135 dpm, 91 dpm, 100 dpm, 82 dpm, 75 dpm, 75 dpm

Tyvek = 60 dpm, 191 dpm

April 23, 2003 (Background = 13 dpm)

Cleaning Wipes = 135 dpm, 170 dpm, 171 dpm, 13 dpm, 127 dpm, 95 dpm, 84 dpm, 268 dpm, 286 dpm, 170 dpm, 100 dpm

Sample bag = 183 dpm

Tyvek = 127, 95 dpm, 73 dpm, 176 dpm, 187 dpm, 149 dpm

April 24, 2003 (Background = 35 dpm)

Cleaning Wipes = 303 dpm, 170 dpm, 95 dpm, 127 dpm

May 15, 2003 (Background = 0 dpm)

Cleaning Wipes = 111 dpm, 91 dpm, 110.4 dpm, 100.2 dpm, 110.4 dpm, 227 dpm, 303 dpm, 227 dpm, 227 dpm, 230 dpm, 227 dpm, 228 dpm, 202 dpm, 127 dpm

Tyvek = 53 dpm

May 16, 2003 (Background = 0 dpm)

1 sample bag = 404 dpm

8 sample bags = 91 dpm

1 sample bag = 345 dpm

1 sample bag = 269 dpm

7 sample bags = 191 dpm

9 sample bags = 127 dpm

1 sample bags = 132 dpm

All readings that are 200 dpm or more will be disposed of as possible radioactive waste; and this is contained in a 5 gallon plastic bucket within a 50 gallon drum marked Possible Radioactive Waste.

All the waste that is less than 200 dpm is in a 50 gallon drum with a plastic liner marked Possible Contaminated Waste.