



DEFENSE LOGISTICS AGENCY
DIRECTORATE OF STOCKPILE MANAGEMENT
WASHINGTON, DC 20405



DLA-N

06 OCT 1988

U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406
ATTN: Ms. Betsy Ullrich

Dear Ms. Ullrich:

Enclosed for your review is the re-submission of our NRC license renewal application (1st submission dated 24 February 1986). Since our first submission in 1986, numerous organizational changes have been enacted and several of our radioactive commodities have been further analyzed, which has altered our inventory of source material (see enclosure 1). In order to assist you in your review of this application please carefully note the following changes:

The entire organization of the Office of National Defense Stockpile which was part of the General Services Administration has been transferred to the Defense Logistics Agency, Directorate of Stockpile Management.

Mr. Jerome T. Consiglio, Director Contracts Division has been removed from this license renewal. Mr. F. Kevin Reilly, Industrial Hygienist is now the DNS official responsible for our program. All questions regarding this submission and any further inquires should be directed to him.

Analysis for uranium and thorium has been performed on our vanadium pentoxide at four locations. Results indicate the combined concentration of both these isotopes are below the level of .05% by weight, thus this material is not regulated under NRC standards and has been removed from our source material inventory (see enclosure 1).

Additional analysis has also been performed on the Baddelyite ore. Prior to this additional analysis only the uranium content was known. This second analysis showed both uranium and thorium thus our inventory totals (see enclosure 1) have increased and the changes are reflected in the totals as U & Th.

FEE EXEMPT

OFFICIAL RECORD COPY ML 10

126554
13 OCT 1988

Enclosure 5 contains three closeout surveys for the following locations:

- a. Griffis Air Force Base
Rome, NY

NOTE: this survey was included in our 1986 license renewal application

- b. Defense Construction Supply Center
Columbus, OH

- c. GSA Jeffersonville Depot
Jeffersonville, IN

NOTE: Items b & c are the result of the relocation of radioactive LSA Baddelyite ore from both locations. All the material and the underlying surface of each of the piles has been relocated to our DLA/DNSC New Haven Depot, New Haven, IN. Our source material inventory (enclosure 1) reflects this action.

As you discussed with Kevin Reilly of my staff we are very interested in expediting the release of the open area at the Defense Construction Supply Center (DCSC) that previously stored the Baddelyite ore. The Department of the Army plans on constructing a reserve center on this site and cannot formalize its plans for construction until the NRC releases the area for unrestricted use. Any assistance you could lend in obtaining this release prior to granting our license renewal would be appreciated. A complete copy of our closeout survey for this location will be forwarded to the NRC Office in Glen Ellen, IL to hopefully speed up the release process.

Should you have any questions or require additional information please contact Kevin Reilly of my staff at FTS 535-7145.

6 Encl.

Sincerely,



J. WAYNE KULIG
Executive Director

13 OCT 1988

APPLICATION FOR MATERIAL LICENSE

RESUBMISSION

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

FEDERAL AGENCIES FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
 DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NMSS
 WASHINGTON, DC 20555

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE, MARYLAND, MASSACHUSETTS, NEW JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR VERMONT, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
 NUCLEAR MATERIAL SECTION B
 631 PARK AVENUE
 KING OF PRUSSIA, PA 19406

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION II
 MATERIAL RADIATION PROTECTION SECTION
 101 MARIETTA STREET, SUITE 2900
 ATLANTA, GA 30323

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION III
 MATERIALS LICENSING SECTION
 799 ROOSEVELT ROAD
 GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH, OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
 MATERIAL RADIATION PROTECTION SECTION
 611 RYAN PLAZA DRIVE, SUITE 1000
 ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON, AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
 MATERIAL RADIATION PROTECTION SECTION
 1450 MARIA LANE, SUITE 210
 WALNUT CREEK, CA 94596

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTION.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER _____
- C. RENEWAL OF LICENSE NUMBER STC 133
- RESUBMISSION -

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)

DEFENSE LOGISTICS AGENCY
 DEFENSE NATIONAL STOCKPILE
 18th & F Street, NW
 WASHINGTON, DC 20405

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED.

SEE ENCLOSURE 1

8907310579 8B1007
 REG1 LIC40
 STC-033 PDR

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

F. KEVIN REILLY, INDUSTRIAL HYGIENIST

TELEPHONE NUMBER

202/535-7145

SUBMIT ITEMS 5 THROUGH 11 ON 8 1/2 x 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time

SEE ENCLOSURE 2

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

SAME AS PREVIOUS SUBMITTAL

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.

SEE ENCLOSURE 3

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

SEE ENCLOSURE 4

9. FACILITIES AND EQUIPMENT
 EXCLUDING THE THREE CLOSE OUT SURVEYS

SAME AS PREVIOUS SUBMITTAL

10. RADIATION SAFETY PROGRAM.

SAME AS PREVIOUS SUBMITTAL

11. WASTE MANAGEMENT

SAME AS PREVIOUS SUBMITTAL

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY n/a AMOUNT ENCLOSED \$ n/a

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, AND 40 AND THAT ALL INFORMATION CONTAINED HEREIN, IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948, 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE, CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE

DATE

[Signature]

F. KEVIN REILLY

INDUSTRIAL HYGIENIST

7/07/88

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS

< \$250K	\$1M - 2.5M
\$250K - 500K	\$3.5M - 7M
\$500K - 750K	\$7M - 10M
\$750K - 1M	> \$10M

b. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)

c. NUMBER OF BEDS

d. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Dollar and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit it to protect confidential commercial or financial—proprietary—information furnished to the agency in confidence)

YES

NO

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS	APPROVED BY
AMOUNT RECEIVED	CHECK NUMBER		FEE EXEMPT	DATE

A. Griffis Air Force Base
Rome, NY

In our effort to consolidate our licensable radioactive materials and vacate Department of Defense facilities, four (4) lots of tungsten ores and concentrates (Wolframite) lots P-2627, P-2651-A, P-2651-B and P-2646 were relocated to the DLA/DNSC licensed facility in Scotia, NY for "permanent" storage (reference enclosure 1). All four (4) lots of material were packaged in steel 55 gallon drums conforming to the Department of Transportation (DOT) regulations monitored, properly labelled, and shipped under Project No. DMZ-15004 between the dates of 30 August 1985 - 3 September 1985.

The area previously storing this material was then surveyed using an Eberline Gieger Counter model E-120. The results of this monitoring show no radiation levels above background.

As noted in enclosure 1 this material is now stored at the DLA/DNSC Scotia, NY facility and is being periodically monitored along with the other licensable material at this facility.

In light of this relocation and the acceptable monitoring results, we are requesting Griffis Air Force Base, Rome, NY be removed from our license No. STC-133.



General
Services
Administration

Federal
Property
Resources Service

Stockpile Management Zone
26 Federal Plaza
New York, NY 10278

Kevin

Date : OCT 02 1985

Reply to
Attn of : DM-2

Subject: Radiological Survey
GSA Form 226, Serial No. 9F, dated 9/25/85
Rome, NY

To : DMS

We concur with the inspector's recommendation to remove Griffiss Air Force Base, as a storage site for radioactive material, from our NRC Source Materials License STC-133. All licensable material has been relocated to the GSA FPRS Depot at Scotia, NY.

T. J. De Grazia

T.J. De GRAZIA
Director
Zone 1
Office of Stockpile Management

Attachment

CLOSE OUT SURVEY A

*GRIFFISS AIR FORCE BASE
ROME, NEW YORK*

Doc Dist: DMI: Orig & 1 DMI-2: 2cc; DMC: 1cc; DMI-2-S: 1cc; DMS-2-Sc: 1cc; GAFB: 1cc

1. NAME AND LOCATION OF DEPOSIT FACILITY 416 BMW/LGSD Griffiss AFB, Rome, New York	2. NAME AND TYPE OF COMMODITY RADIOLOGICAL SURVEY	3. SERIAL NO. 9-FINAL
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4. DATE OF INSPECTION A. LAST 9/4/84 B. THIS 9/18/85	5. TYPE OF STORAGE AND SPECIFIC DEPOT AREA Warehouse Storage Bldg T-7, Sections C & D
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6. NAME AND TITLE OF PERSON RESPONSIBLE FOR MATERIAL J. Stokes, Chief, Materiel Storage & Distribution	7A. TEL. NO. OR CODE (Comm) 315-330-2013	7B. EXTENSION
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INSPECTION DATA (Check and complete. Enter a negative response) N/A		YES	NO
8. STORAGE	A. Storage Facilities Are of the Type Prescribed in the Storage Manual		
	B. Storage Facilities Are Maintained in Good Order		
9. MATERIAL	A. Material is Stored in the Manner Prescribed in the Storage Manual		
	B. Material is Free of Deterioration, Infestation, Contamination, Commingling, Migration and Erosion		
10. RECORDS	A. Depot Manager Confirmed that all entries have been Posted to the GSA Forms 46		
	B. GSA Forms 46 indicate last RR No. dated , Last OSR No. dated		
11. UNITS	Quantity indicated in Item 14h reflects GSA Forms 46 and agrees with actual and/or computed count.		
12. SECURITY AND FIRE PROTECTION	Security and Fire Protection are being provided in accordance with GSA Handbook PMD P 4400 (Current edition) and SCM Storage Manual Requirements (Appendix C)		
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 Storage Manual		
	C. Condition of Containers (Give exact number in Class III under remarks)	(1) CLASS I %	(2) CLASS II %

PRO-GRAM a.	TYPE (Pile, case, ingot, bale, etc.) b.	WIDTH c.	LENGTH d.	HEIGHT e.	DIAM-ETER f.	g. WEIGHT OF UNIT		TOTAL NUM-BER OF UNITS h.	i. TOTAL WEIGHT	
						(1) GROSS	(2) NET		(1) GROSS	(2) NET

14. DESCRIPTION OF CONTAINERS, PILES, OR OTHER UNITS N/A

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

This final report issued to reflect the Gamma Radiation monitoring of areas where the 4 licensable Lot of Tungsten Ores & Concentrates, specifically-Tungsten, Wolframite; Lot Nos. P-2627, P-2651-A, P-2651-B and P-2646; all ExContract No. GS-OOP-3912(SCM)-6 were either permanently stored or prepared for shipment. These Lots were relocated to the GSA FPRS Depot, Scotia, NY under authority of Special Project DMZ-15004 during the period of 8/30 to 9/3/85. Effective with this relocation, these Lots will be included with monitoring of other licensable materials stored at that facility. Since this material meets the DOT classification of "Radioactive material limited quantity, n.o.s." and conditions and limitations specified in 49CFR173.421 for excepted radioactive material, limited quantity, n.o.s., UN2910, the outside of each container was labeled as required and individually monitored prior to shipment-Results: < 0.5mr/hr. The surveyed areas were monitored using an Eberline Geiger Counter, Model E-120 last calibrated 10/3/84 which is permanently stored at the GSA FPRS Depot, Scotia, NY. Prior to use the instrument was checked for: zero adjustment, and readings against a calibration source available at the Scotia facility.

See attached-"Monitoring Radiation Report" for survey 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) Due to the fact that the licensable radioactive material has been removed from this facility, it is recommended that Griffiss AFB be removed from our Source Materials License STC-133 as a storage site.

17. NAME OF INSPECTOR (Type or print) D. M. Wesolowski, SSAS	17A. SIGNATURE <i>D. M. Wesolowski</i>	17B. DATE OF SIGNATURE 9/25/85
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MONITORING RADIATION REPORT

Monitors W. H. Wesolowski

Date 9 18 89

Report No. 9-FINAL-Griffiss AFB

TIME	LOCATION	OBJECT OR PERSON MONITORED	INSTRUMENT USED	SHIELD		DISTANCE	RANGE	READING	DOSE RATE
				Open	Closed				
1145	T-7, Section C	Former storage area of licensable Tungsten Lots	Eberline E-120		X	Contact	X 0.1	0-0.03	0-0.03
	T-7, Section B	Shipment preparation area of licensable Tungsten Lots	Eberline E-120		X	Contact	X 0.1	0-0.03	0-0.03

COMMENTS: Backer and Readings: 0.0 to 0.03 mr/hr

BACKGROUND

To settle an outstanding 15 year old contract the Federal Government and Philip Brothers Inc. formerly Philip Brothers, Division of Engelhard Minerals entered into a settlement agreement on 22 October 1987. Part of this agreement stipulated that Philip Brothers would relocate the radioactive LSA Baddelyite ore presently stored at Two (2) facilities namely, the Defense Construction Supply Center (DCSC) Columbus, Ohio and the GSA Jeffersonville Depot Jeffersonville, Indiana to the DLA/DNSC licensed facility in New Haven, Indiana. Along with the actual ore, the pile bases and any residual or radioactive contaminated soil would be removed to a safe level satisfactory to the Nuclear Regulatory Commission (NRC).

The following (2) close out surveys for the facilities noted above describe the actions DLA/DNSC has taken to comply with our license requirements and open these areas for unrestricted use.

13 OCT 1988