

**GROUP: A**

**FOIA 2017-0201**

**RECORDS BEING RELEASED  
IN THEIR ENTIRETY**

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DAVID W. TAYLOR NAVAL SHIP RESEARCH  
AND DEVELOPMENT CENTER

HEADQUARTERS  
BETHESDA, MARYLAND 20884

279 JAN 23 1979

U.S. NAVY REG.  
SECTION

0301

ANNAPOLIS LABORATORY  
ANNAPOLIS, MD 21402  
CARDEROCK LABORATORY  
BETHESDA, MD 20084

IN REPLY REFER TO:  
04:RES  
6470

25 JAN 1979

From: Commander, David W. Taylor Naval Ship R&D Center  
To: United States Nuclear Regulatory Commission, Division of  
Fuel Cycle and Material Safety, Radioisotopes Branch,  
Washington, DC 20555

Subj: Termination of Nuclear Regulatory Commission License  
# 19-00489-02

Ref: (a) Nuclear Regulatory Commission ltr FCLM:NB of 11 Dec 1978  
(b) DTNSRDC ltr 04:RES 6470 of 3 Nov 1978  
(c) DTNSRDC ltr 2771:ML 9600 of 24 Oct 1978

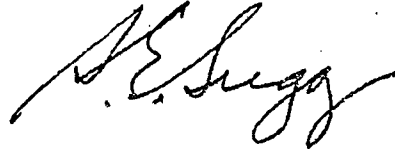
Encl: (1) Naval Nuclear Power Unit, Port Hueneme ltr 43:WJM:pb  
3255/6A Ser 1408 of 27 Nov 1978

1. Reference (a) responded to our request for termination in reference (b) by forwarding a draft guide for release of facilities and equipment to use to determine if there is any residual contamination in facilities or equipments where radioisotopes were used and stored.

2. In advance of submission of reference (b), wipe tests were made of the areas where radioisotopes were used and forwarded to the Naval Nuclear Power Unit, Port Hueneme, by reference (c). Enclosure (1) provided the results of the analysis. Subsequent to the receipt of reference (a), the areas again were surveyed by the activity Radiochemist with a Nuclear-Chicago survey meter, Model 2612 equipped with a thin window (1.8 mg/cm<sup>2</sup>) Geiger tube. The instrument was calibrated immediately preceding the survey with a small radium source supplied with the survey meter. The results of this survey showed that the maximum radiation level detected at 1 (one) cm or less was 0.03 mrad/hr with an average being approximately 0.015 mrad/hr. The areas surveyed included the floor, work table surfaces, inside surfaces of hoods and glove box, drain lines and traps and exhaust ducting to hoods and glove box. The work and storage areas were in Buildings 52, 91 and 95 at this site.

04:RES  
6470

3. All survey results are well below the average and maximum radiation levels permissible and the premises are satisfactory for unrestricted use. Request continue with license termination actions as appropriate.



Copy to: (w/o encl)  
OIC, Naval Nuclear Power Unit,  
Port Hueneme

R. E. SUGGS  
By direction



NAVAL NUCLEAR POWER UNIT  
PORT HUENEME, CALIFORNIA 93043

0301

IN REPLY REFER TO:

43:WJM:pb

3255/6A

Ser: 1408

27 NOV 1978

From: Officer in Charge  
To: Commanding Officer, David W. Taylor Naval Ship Research and  
Development Center, Annapolis Laboratory (Code 277),  
Annapolis, MD 21402

Subj: Assay of Wipe Tests

Ref: (a) DENSRDC ltr 2771:ML, 9600 dtd 27 Oct 1978

1. Subject assay requested by reference (a) has been completed. No detectable contamination could be measured.
2. Wipes were analyzed for alpha and beta contamination with a Nuclear Measurements internal proportional counter. The minimum detectable activity was  $4 \times 10^{-6}$  microcuries.

C. A. JOHANNESMEYER

By direction



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
631 PARK AVENUE  
KING OF PRUSSIA, PENNSYLVANIA 19406

#12

Docket No. 30-04529

MAR 14 1979

Department of the Navy  
David W. Taylor Naval Ship  
Research & Development Center  
ATTN: Capt. R. E. Sugg  
Commanding Officer  
Annapolis, Maryland 21402

Gentlemen:

Subject: Inspection 30-4529/79-01

This refers to the inspection conducted by Mr. P. Jerman of this office on March 1, 1979 of activities authorized by NRC License No. 19-00489-02 and to the discussions of our findings held by Mr. Jerman with yourself and Mr. N. Hatfield of your staff at the conclusion of the inspection, and to a subsequent telephone discussion between Mr. Jerman and yourself on March 2, 1979.

Areas examined during this inspection are described in the Office of Inspection and Enforcement Inspection Report which is enclosed with this letter. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, measurements made by the inspector, and observations by the inspector.

Within the scope of this inspection, no items of noncompliance were observed.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room. If this report contains any information that you (or your contractor) believe to be proprietary, it is necessary that you make a written application within 20 days to this office to withhold such information from public disclosure. Any such application must be accompanied by an affidavit executed by the owner of the information, which identifies the document or part sought to be withheld, and which contains a statement of reasons which addresses with specificity the items which will be considered by the Commission as listed in subparagraph (b) (4) of Section 2.790. The information sought to be withheld shall be incorporated as far as possible into a separate part of the affidavit. If we do not hear from you in this regard within the specified period, the report will be placed in the Public Document Room.

7905290 541

Department of the Navy

2

MAR 14 1979

No reply to this letter is required; however, should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,



Robert O. McClintock, Chief  
Materials Radiological Protection  
Section

Enclosure: Office of Inspection and Enforcement Inspection  
Report Number 30-4529/79-01

cc w/encl:  
OIC, Naval Nuclear Power Unit,  
Port Hueneme

U.S. NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT

3

Region I

Report No. 30-04529/79-01

Docket No. 30-04529

License No. 19-00489-02 Priority IV Category F

Licensee: Department of the Navy

Annapolis, Maryland 21402

Facility Name: David M. Taylor Naval Ship Research & Development Center

Inspection at: David M. Taylor Naval Ship Research & Development Center

Inspection conducted: March 1, 1979

Inspectors: R. O. McClintock  
For P. C. Jerman, Radiation Specialist

3/13/79  
date signed

\_\_\_\_\_  
date signed

\_\_\_\_\_  
date signed

Approved by: R. O. McClintock  
R. O. McClintock, Chief, Materials Radiological  
Protection Section, FF&MS Branch

3/13/79  
date signed

Inspection Summary:

Closeout Inspection conducted March 1, 1979 (Report No. 30-04529/79-01)

Areas Inspected: Interviews with personnel and surveys including direct measurements and wipes, of four facilities in which licensed materials had been formerly used at the center.

Results: All direct measurement surveys show no levels above background. All wipes taken showed no more than 300 dpm per 100 cm<sup>2</sup>. No items of noncompliance or deviations were identified.

7905290550

## DETAILS

### 1. Persons Contacted

\*Norman Hatfield, Laboratory Supervisor

\*Capt. R. E. Sugg, Commanding Officer

\*denotes those present at the exit interview.

### 2. Closeout Survey Conducted

The inspector conducted surveys at the four facilities in which licensed material had been used at the center. These included a laboratory room in Building 127, a laboratory room and a counting room in Building 52, the storage vault (Building 132) and Room 1G in Building 91. Direct measurements were made using a Ludlum Model 16 Analyzer with Scintillation Probe Model 44-2 and an Eberline Model E 120 GM meter with end window probe containing 2 milligrams/cm<sup>2</sup> absorber. Wipes were taken of floor surfaces at all facilities and of work bench, hood, sink, and cabinet surfaces where they existed. The wipes were counted in a Tennelec Model LB 1000 Gas Flow Proportionation Counter and a Packard Tri-Card Liquid Scintillation Spectrometer.

### 3. Results of Closeout Survey

No direct measurements taken exceeded background. No wipes taken exceeded 300 dpm. These results confirm the results of the licensee's closeout survey, the results of which were submitted to the Licensing Management Branch on January 25, 1979.

### 4. Evaluation by the Regional Office

It is our opinion that this facility meets the criteria specified in "Guidelines for Decontamination of Facilities Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material." The licensee does not possess licensable quantities of byproduct material.

### 5. Exit Interview

The inspector met with licensee representatives and informed them that the inspection results would be communicated to them and the NRC's License Management Branch.



5

DATE: January 15, 1997  
MEMORANDUM TO: Shah Malik, DET  
FROM: Brenda Cebula, FMPAS  
SUBJECT: CLOSE-OUT OF INTERAGENCY AGREEMENT RES-78-104, JOB CODE  
B6290, WITH NSWC, TITLE: "ELASTIC-PLASTIC FRACTURE  
MECHANICS EVALUATION OF LWR ALLOYS RESEARCH."

The subject interagency agreement expired on 3/31/93 and according to FMPAS records has not been formally closed out. Please fill-in the appropriate boxes below and return to Brenda Cebula by Wednesday, January 22.

[USE THE BACK OF THIS FORM IF ADDITIONAL SPACE IS REQUIRED.]

A. FINAL PRODUCT  WAS RECEIVED / / WAS NOT RECEIVED

If the final product has not been received and this IAA requires a time extension, please provide justification below for the extension and return this sheet to FMPAS ASAP. IAA shall be extended thru \_\_\_\_\_ at no additional cost to the NRC. JUSTIFICATION:

B. THE WORK UNDER THIS IAA WAS  SATISFACTORY UNSATISFACTORY / /

If the work was unsatisfactory, please briefly explain why below:

C. MAJOR EQUIPMENT (\$500 OR GREATER)  WAS WAS NOT / / PURCHASED UNDER THIS AGREEMENT. IF MAJOR EQUIPMENT WAS PURCHASED UNDER THIS AGREEMENT, PLEASE CHECK THE FOLLOWING APPROPRIATE BOXES:

1. / / I require a list of the equipment
2. / / Under the agreement, the equipment reverts back to the other agency.
3.  Equipment is needed for other RES projects. (J6036 IA Project at NSWC)
4. / / Equipment can be turned over to the other agency.

D. TO THE BEST OF MY KNOWLEDGE, ALL BILLS  HAVE HAVE NOT / / BEEN SUBMITTED.

E. AN UNCLOSED BALANCE OF \$4,203.96 REMAINS. DEOBLIGATE  DON'T DEOBLIGATE / / THIS AMOUNT. Explain why this should not be deobligated.

F. THE PROJECT FILE  HAS HAS NOT / / BEEN RETIRED. IF THE FILE HAS NOT BEEN RETIRED, INDICATE DATE THAT THE FILE WILL BE RETIRED

THE PROJECT FILES ARE IN USE WITH J6036 PROJECT WITH NSWC.  
PLEASE SIGN AND DATE THIS FORM AND RETURN TO BRENDA CEBULA BY WEDNESDAY, JANUARY 22. If questions arise, please contact me on 415-6800.

THE FINANCIAL FILES COULD BE RETIRED BY 3/31/97. ←

S. N. Malik  
Project Manager's Signature

01/22/97  
Date

cc: Rita Hoskins, DET  
9703210089 970311  
CF SUBJ  
RES-1B-1 CF

(5)

PROPERTY CERTIFICATION STATEMENT

JOB CODE: B6290

LAB: NSWC, Carderock, MD

INTERAGENCY AGREEMENT: RES-78-104

TITLE: ELASTIC PLASTIC FRACTURE MECHANICS EVALUATION OF LWR ALLOYS

Check as appropriate:

- 1. The attached property report is complete and accurate to the best of my knowledge and records, and this property is no longer needed for this project.
- 2. DOE's negative property report is attached. There was no residual equipment purchased with NRC funds, furnished, or otherwise acquired and used in performance of this project.
- 3. The items marked "RES" on the attached property list should be shipped to this Division for internal use.
- 4. The items purchased under the project have been low cost testing and data recording equipments of minimal value and are being used in another project, JCN J6036, under IA RES-93-002 (Modification 3) at the same laboratory.

S. N. Praluk

Project Manager's Signature

03/06/97

Date

# 6

# JL SHEPHERD & ASSOCIATES

1010 ARROYO AVE, SAN FERNANDO, CALIFORNIA 91340-1822

818-898-2361 FAX 818-361-8095

Corrected for Year & Also Request for Reference # Clarification

January 28, 1998

Ms. Christi Hernandez/  
Ms. Billie Gruszynski  
U.S. N. R. C. - Region IV  
DNMS/NMLB - ATTN: RECIPROCITY  
611 Ryan Plaza Drive, Ste 400  
Arlington, TX 76011-8064

JAN 28 1998

Fax No. (817) 860-8263 - Page 1 of 1

Ref.: Notification of Proposed Activities in Non-Agreement State,  
State of California Lic. No. 1777-19, Amendment # 73/Timely Renewal

Dear Ms. Hernandez or Ms. Gruszynski:

Please be advised that we are conducting a service call at the below listed facility on January 29th, and possibly January 30th, which we shall confirm to you with another notification, and our technician is Ralph Jacobs.

Location: Naval Surface Warfare Center, 9500 Macarthur Blvd., W. Bethesda, MD 20817-5700. We shall complete the connection of the interlock systems for the Model 81-10 Calibrator, S/N 7073, w/120Ci Cs-137 s/n 87-CS-S-57 and 30Ci Co-60 s/n JLS-1348-2 and the X-Ray Systems.

In checking our files we noticed we had two reference numbers assigned to the above facility, 000397 and 000511. Please advise which one should we use.

This facility is on our list.

If there is any additional information you may require, please do not hesitate to contact us.

Very truly yours,

J. L. SHEPHERD & ASSOCIATES

*Lee Weiss*  
Lee Weiss

Contract Administrator

cc State of Maryland

*Please note: the 1998 RTS  
reference # for this  
location is 000466*

9806300001 980128  
REG4 SUBJ

CF

Authorizing Official:

*M.C. Hernandez*

Signature

**M. C. Hernandez  
Radiation Specialist**

Title:

Date:

*1/29/98*

TOTAL P.01

**NEX5  
Copy to RIV**



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064

1998-4 11 21

January 29, 1998

MEMORANDUM Rita Messier  
TO: License Fee & Debt Collection Branch (T9 E10)  
FROM: Christi Hernandez *MCH*  
Nuclear Materials Licensing Branch, Region IV  
SUBJECT: FEE TRANSMITTAL

A. Region IV

1. NRC FORM 241 ATTACHED

Applicant/Licensee:  
NRC Form 241 Dated:  
Agreement State License:  
Program Code(s):

2. REVISION ATTACHED

Licensee:  
Agreement State License:

3. CLARIFICATION ATTACHED

Licensee: J.L. Shepherd & Associates  
Agreement State License: CA 1777-19

4. FEE ATTACHED

Amount: \$ Check: #

5. COMMENTS

9806300002 980128  
REG4 SUBJ  
CF

B. LICENSE FEE & DEBT COLLECTION BRANCH

- 1. Fee Category and Amount: \_\_\_\_\_
- 2. Correct Fee Paid. Submittal may be processed for:  
General License \_\_\_\_\_  
Revision \_\_\_\_\_

Signed \_\_\_\_\_ Date \_\_\_\_\_