

DL-020499_01



NORSHIPCO

NORFOLK SHIPBUILDING & DRYDOCK CORPORATION



P.O. BOX 2100
NORFOLK, VIRGINIA 23501-2100
Cable: NORSHIPCO
Telephone: 757/494-4000

FEBRUARY 4, 1999

**U.S. Nuclear Regulatory Commission
Region II
Material Radiation Protection Section
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323**

Dear Nuclear Regulatory Commission:

In accordance with 10 CFR Part 30 NORFOLK SHIPBUILDING & DRYDOCK Corp. license # 45-12042-01 is notifying the NRC of their decision effective February 1, 1999 to permanently cease principal activities involved in industrial radiography.

The termination of radiographic operations is based on economic decisions made by a managerial committee. If necessary for termination of our program please forward NRC form 314 to NORFOLK SHIPBUILDING & DRYDOCK.

All radiographic equipment utilized by the licensee shall be transferred as per 10 CFR 30.41. If you have any questions contact L.T. Eure (telephone 757 494-4388, e-mail lt_eure@norshipco.com).

Very Truly Yours,

**L.T. EURE
Radiation Safety Officer**

202414

TELEFAX

To: _____ License No. _____
Company _____ Title _____
Fax No. (____) _____ - _____

FROM: _____
Nuclear Materials Licensing/Inspection Branch _____,
Division of Nuclear Materials Safety
Fax No. (404) 562-4955 Voice (404) 562-_____
800-577-8510 X _____ Date _____

**SUBJECT: YOUR REQUEST FOR TRANSFER OR TERMINATION OF NRC
LICENSE**

Please provide the following information, in addition to the NRC Form 314 (Certificate of Disposition of Materials):

All records considered important to the safe and effective decommissioning of the facility, in accordance with 10 CFR 30.35(g), 40.36(f), §70.25(g) and §72.30(d); and all records concerning public dose and waste disposal, have been transferred to:

1. Name Retained At Norshipco (Successor)
License No. _____
Address _____
City _____ State _____
Phone (____) _____ - _____ Fax No. (____) _____ - _____

OR

2. US NRC Region II, Nuclear Materials Licensing/Inspection Branch, Division of Nuclear Materials Safety

OR

3. There is no residual contamination of the facility or environs from licensed materials.

Signature

Lloyd T. Eure Jr.

Printed Name and Title

Lloyd T. Eure Jr. RSO

G:\DNMS\FORMS\Term.fax

6-21-99 Date

(6-95)
10 CFR 30.36(c)(1)(iv)
10 CFR 40.42(c)(1)(iv)
10 CFR 70.30(c)(1)(iv)

ESTIMATED BURDEN FOR RESPONSE TO COMPLY WITH THIS MANDATORY INFORMATION COLLECTION REQUEST: 30 MINUTES. THIS SUBMITTAL IS USED BY NRC AS PART OF THE BASIS FOR ITS DETERMINATION THAT THE FACILITY HAS BEEN CLEARED OF RADIOACTIVE MATERIAL BEFORE THE FACILITY IS RELEASED FOR UNRESTRICTED USE. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (IT-8 P23), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20545-0091, AND TO THE PAPERWORK REDUCTION PROJECT (100-0001) OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503. AN AGENCY MAY NOT CONDUCT OR SPONSOR, AND A PERSON IS NOT REQUIRED TO RESPOND TO, A COLLECTION OF INFORMATION UNLESS IT DISPLAYS A CURRENTLY VALID OMB CONTROL NUMBER.

CERTIFICATE OF DISPOSITION OF MATERIALS

INSTRUCTIONS: ALL ITEMS MUST BE COMPLETED - PRINT OR TYPE
SEND THE COMPLETED CERTIFICATE TO THE NRC OFFICE SPECIFIED ON THE REVERSE

LICENSEE NAME AND ADDRESS

Norfolk Shipbuilding & Drydock Corp.

LICENSE NUMBER

45-12042-01

LICENSE EXPIRATION DATE

Feb 28, 2005

A. MATERIALS DATA (Check one and complete as necessary)

THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT:

(Check and/or complete the appropriate item(s) below.)

- 1. NO MATERIALS HAVE EVER BEEN PROCURED OR POSSESSED BY THE LICENSEE UNDER THIS LICENSE.
- OR
- 2. ALL ACTIVITIES AUTHORIZED BY THE LICENSE HAVE CEASED AND ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSE NUMBER CITED ABOVE HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER. (If additional space is needed, use the reverse side or provide attachments.)

Describe specific material transfer actions and, if there were radioactive wastes generated in terminating this license, the disposal actions including the disposition of low-level radioactive waste, mixed waste, Greater-than-Class-C waste, and sealed sources, if applicable.

For transfers, specify the date of the transfer, the name of the license recipient, and the recipient's NRC license number or Agreement State name and license number.

Ir. 192 (6608 Camera) source # C6336 Transferred to Scientific Technical License # 45-24882-01 on 3-5-99

If materials were disposed of directly by the licensee rather than transferred to another licensee, licensed disposal site or waste contractor, describe the specific disposal procedures (e.g., decay in storage)

Co-60 3.2 millicurie Calibration Camera Model #571 serial # 3-711 disposed of by Sentinel (See Attached sheet)

B. OTHER DATA

- 1. OUR LICENSE HAS NOT YET EXPIRED; PLEASE TERMINATE IT
- 2. A RADIATION SURVEY WAS CONDUCTED BY THE LICENSEE TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE. (Check one)
 - NO (Attach explanation)
 - YES, THE RESULTS (Check one)
 - ARE ATTACHED, or
 - WERE FORWARDED TO NRC ON (Date)

3. THE PERSON TO BE CONTACTED REGARDING THE INFORMATION PROVIDED ON THIS FORM

NAME

Lloyd T. Eure Jr.

TELEPHONE NUMBER (Include Area Code)

757-494-4388

4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO

Norshipco
P.O. Box 2100

Norfolk, Va. 23501-2100

CERTIFYING OFFICIAL

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE

Lloyd T. Eure Jr.

SIGNATURE

Lloyd T. Eure Jr.

DATE

6/21/99

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 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 JURISDICTIONS.

FILE CERTIFICATES AS FOLLOWS:

IF YOU ARE A DISTRIBUTOR OF EXEMPT PRODUCTS, SEND TO:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20585-0001

ALL OTHERS, IF YOU ARE LOCATED IN:

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

LICENSING ASSISTANCE SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

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

Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission - RII
Suite 23786
61 Forsyth Street
Atlanta, GA 30303-0190

IF YOU ARE LOCATED IN:

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

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
801 WARRENVILLE ROAD
LISLE, IL 60532-4361

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO,
HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA,
NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA,
OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA,
TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND
APPLICATIONS TO:

MATERIAL RADIATION PROTECTION SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8064

SENTINEL

40 North Avenue
Burlington, MA 01803
(781) 272-2000
(800) 815-1888

6765 Langley Drive
Baton Rouge, LA 70809
(225) 751-8993
(800) 235-1888

hs: 1 BURLINGTON
Page: 1
Reprint

Receipt No: 25389
RMA Number:
Date Received: 5/25/99

RECEIVING REPORT

Mail to:
NORFOLK SHIPBLDG DRYDOCK
PO BOX 2100, 750 BERKLEY
AVE. ATTN: MCCONNELL BAKER
NORFOLK VA 23501

Received From:
NORSHIPCO
800 SEABOARD AVE WHSE 930
CHESAPEAKE VA 23321

Carrier: Federal Express Corporation

Freight Bill#: 6919241921
(Prepaid)

Model: CP571

CUST. PROP. MDL 571 CAL. KIT
CUSTOMER PROPERTY

Serial: 60

ales Order: 1 CO

Isotope: COBALT-60

Customer: 1 01591301 Over Pack S/N:

Model #
571

Serial#
8-711

Activity
3.2

MilliCuries

Surface Radiation: 2 m/hr

Transport Index: .1 m/hr

Removable Contamination Level is <.001 UCI

259414

This form is to acknowledge that the material listed above was received by
MERSHAN CORPORATION. Please save this for your files.

Received by: [Signature]
RADIATION MONITORING TECHNICIAN

ISO 9001, ISO 9002, ISO 9003
Registered to European Standard
Number 20000



STANDARD PROCEDURE NS&DD/RT (REV. 5)

CERTIFICATE OF SEALED SOURCE LEAK TEST

IDENTIFICATION OF OWNER

NAME NORSHIPCO LICENSE # 45-12042-01
ADDRESS P.O. BOX 2100 EXPIRES ON FEBRUARY 28, 2005
NORFOLK, VIRGINIA 23501-2100

IDENTIFICATION OF SOURCE

Manufacturer
NSDD CHECKED FOR CONTAMINATION OF
BUILDING INTERIOR & EXTERIOR

The source was calibrated as N/A Ci of N/A on N/A
(activity) (isotope) (date)

The physical appearance of the source is not observable. Swipe taken
on 6-7-99.

RESULTS FROM COUNTING LABORATORY

The source swipe was counted on 6-7-99 and had a net count rate of
0 cpm which is less than the minimum detectable activity. For
comparison, a reference containing 0.000899 microcuries of Co60
was counted, yielded a net count rate of 305 cpm and a minimum
detectable activity of $<1.35 \times 10^{-5}$ microcuries.

CONCLUSION

Results of this test indicates the presence of less than 0.005
microcuries of removable contamination.

The source does/~~does not~~ conform to accepted standards for sealed
source leakage. The last leak test was performed N/A.

** SWIPED INTERIOR OF BUILDING AFTER ALL
RADIOACTIVE CONTAINER WERE DISPOSED.

STumpf