

GENERAL DYNAMICS

Electric Boat

Br. 2

03003770

438:SM/833243
September 16, 2014

To: Licensing Assistant Section
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region 1
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713

Subject: Amendment 57 to Byproduct Materials License number 06-01781-03

Enclosures: (1) Changes to Existing License
(2) NRC Form 313, "Application for Material License"
(3) Amendment Supporting Documentation

Dear Sir or Madam:

Electric Boat Corporation hereby submits its request to amend Byproduct Material License 06-01781-03. Documentation supporting the license amendment is included in the enclosures to this letter.

If any further information is required to clarify this amendment request, please contact Mr. Robert Rommel at (860) 433-0828. Thank you for your attention in this matter.

Sincerely,



S. Coyne
Asst. General Counsel


S. McKibben: ppc
Enclosures

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Changes to Existing License

Please amend license 06-01781-03 to incorporate the following changes.

1. Change Amendment Number to 57.
2. Add Item 6.I to read:
"I. Americium 241"
3. Add Item 7.I to read:
"I. Plated Source"
4. Add Item 8.I to read:
"I. Not to exceed 5 microcuries per source and 50 microcuries total"

NRC FORM 313 (03-2014) 10 CFR 30, 32, 33, 34 35, 36, 37, 38, and 40	U.S. NUCLEAR REGULATORY COMMISSION  APPLICATION FOR MATERIALS LICENSE	APPROVED BY OMB: NO. 3150-0120 Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@nrc.gov , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.	EXPIRES: 05/31/2015
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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. *AMENDMENTS/RENEWALS THAT INCREASE THE SCOPE OF THE EXISTING LICENSE TO A NEW OR HIGHER FEE CATEGORY WILL REQUIRE A FEE.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH: OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001 ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS: IF YOU ARE LOCATED IN: ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO: LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 2100 RENAISSANCE BOULEVARD, SUITE 100 KING OF PRUSSIA, PA 19406-2713	IF YOU ARE LOCATED IN: ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO: MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352 ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO: NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1600 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511
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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 JURISDICTIONS.

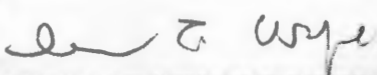
1. THIS IS AN APPLICATION FOR <i>(Check appropriate item)</i> <input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>06-01781-03</u> <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____	2. NAME AND MAILING ADDRESS OF APPLICANT <i>(Include ZIP code)</i> Electric Boat Corporation 75 Eastern Point Road Groton, CT 06340-4909				
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED Electric Boat Corporation 75 Eastern Point Road Groton, CT 06340-4909	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Robert Rommel <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">BUSINESS TELEPHONE NUMBER (860) 433-0808</td> <td style="width:50%;">BUSINESS CELLULAR TELEPHONE NUMBER (860) 303-6205</td> </tr> <tr> <td colspan="2">BUSINESS EMAIL ADDRESS rrommel@gdeb.com</td> </tr> </table>	BUSINESS TELEPHONE NUMBER (860) 433-0808	BUSINESS CELLULAR TELEPHONE NUMBER (860) 303-6205	BUSINESS EMAIL ADDRESS rrommel@gdeb.com	
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BUSINESS EMAIL ADDRESS rrommel@gdeb.com					

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.	6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED. 7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.	9. FACILITIES AND EQUIPMENT.
10. RADIATION SAFETY PROGRAM.	11. WASTE MANAGEMENT.

12. LICENSE FEES <i>(Fees required only for new applications, with few exceptions*) (See 10 CFR 170 and Section 170.31)</i>	FEE CATEGORY 3.P	AMOUNT ENCLOSED \$ 0.00
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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, 36, 37, 39, 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

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE Shawn P. Coyne, Assistant General Counsel	SIGNATURE 	DATE 9/12/17
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FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

**AMENDMENT 57 SUPPORTING DOCUMENTATION
For Byproduct Material License 06-01781-03**

Sections in this Enclosure are numbered to correspond with the items required by NRC Form 313, as recommended by NUREG-1556, Vol. 7, *Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Academic, Research and Development, and Other Licenses of Limited Scope*, dated December 1999.

Section 5 – Radioactive Material

Section 6 – Purpose(s) for which Licensed Material will be used

Section 7 – Individual(s) Responsible for Radiation Safety Program and Their Training Experience

Section 8 – Training for Individuals Working In or Frequenting Restricted Areas

Section 9 – Facilities and Equipment

Section 10 – Radiation Safety Program

Section 11 – Waste Management

General Dynamics Electric Boat plans to purchase an Americium-241 source for calibration purposes.

Section 5. Radioactive Material

Electric Boat will purchase a 22 nanoCurie unsealed Americium-241 source electroplated onto stainless steel from Eckert and Ziegler Isotopes Product Laboratory. The quantity requested is an exempt amount under 10CFR31.8 but the manufacturer could not supply the source unless it is specifically listed on our license.

Section 6. Purpose(s) for which Licensed Material will be used

The Americium-241 will be used as a calibration source for radiation detectors used solely by the company. Electric Boat does not provide calibration services to outside organizations.

Section 7. Individual(s) Responsible for Radiation Safety Program and Their Training Experience

Refer to Electric Boat's submittal for renewal 438:SM/826982, dated May 23, 2014, for Individual(s) Responsible for Radiation Safety Program and Their Training Experience.

Section 8. Training for Individuals Working In or Frequenting Restricted Areas

Refer to Electric Boat's submittal for renewal 438:SM/826982, dated May 23, 2014, for a detailed description of the General Dynamics Electric Boat Byproduct Materials training program.

Section 9. Facilities and Equipment

Refer to Electric Boat's submittal for renewal 438:SM/826982, dated May 23, 2014, for a detailed description of Facilities and Equipment.

Section 10. Radiation Safety Program

Refer to Electric Boat's submittal for renewal 438:SM/826982, dated May 23, 2014, for a detailed description of Electric Boat's Radiation Safety Program.

Section 11. Waste Management

Refer to Electric Boat's submittal for renewal 438:SM/826982, dated May 23, 2014, for a detailed description of Electric Boat's Waste Management.

This is to acknowledge the receipt of your letter application dated

9-16-14, and to inform you that the initial processing which includes an administrative review has been performed.

Amend: 06-01781-03
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 584900
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader