

NRC FORM 313

U.S. NUCLEAR REGULATORY COMMISSION

(4-2004)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 10/31/2005

Estimated burden per response to comply with this mandatory collection request: 7 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 Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@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.

APPLICATION FOR MATERIAL LICENSE

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.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
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, MISSISSIPPI, 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
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19408-1415

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, 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
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-4005

04008649

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 (Check appropriate item)

- ☐ A. NEW LICENSE
☒ B. AMENDMENT TO LICENSE NUMBER SUB-1318
☐ C. RENEWAL OF LICENSE NUMBER

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

General Dynamics - OTS
200 East High Street
Red Lion, PA 17356

05 MAR 1 P1:50

RECEIVED
SECTION 1

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

General Dynamics - OTS
200 East High Street
Red Lion, PA 17356

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Sean C Lichty

TELEPHONE NUMBER

(717) 246-8370

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 (See 10 CFR 170 and Section 170.31)

FEE CATEGORY N/A

AMOUNT
ENCLOSED \$

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

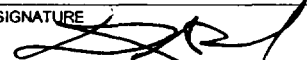
THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND 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

Daniel W Paul General Manager / Director of Operations

SIGNATURE



DATE

3/8/2005

FOR NRC USE ONLY

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

NRC FORM 313 (4-2004)

PRINTED ON RECYCLED PAPER

136669
NMSS/RGNI MATERIALS-002

Additional Information for License Amendment

In addition to our current license that authorizes the storage and use of depleted uranium cores, we request permission to store three optical sight units containing tritium. The following is a detailed description of the units and control measures to be taken.

- The units are manufactured by Cilas and their manufactured title is GP2M120
- The sight units have three elements containing tritium:
 - An internal bulb used for reticle illumination
 - Two levels that have tritium painted strips behind them to illuminate the bubble.
- The illuminating bulb is a sealed unit within the sight unit and the bulb is inaccessible to the user. At the date of manufacture the radioactivity level is stated at 37×10^9 Bq (0.9 Ci)
- The tritium painted strips are sealed behind the glass cylinders of the levels and are only exposed if the glass cylinders are broken or the seal damaged. The radioactivity levels for the strips do not exceed 950×10^6 Bq (0.026 Bq)

The units will be onsite for storage purposes only, and the storage period has not yet been defined. The units will be kept within our secure facility that is currently used for the depleted uranium cores, which restricts access to authorized employees only.

Additionally, we will provide additional training to employees affected by the components and perform monthly leak tests of the units. Under our current license, we have many control measures in place in addition to a radiation safety program. We feel that our current practices in addition to the leak tests, coupled with our training, hygiene,

and dosimetry programs will provide our employees with the highest levels of personal protection.

This is to acknowledge the receipt of your letter/application dated

3/8/2005, and to inform you that the initial processing which includes an administrative review has been performed.

☒ Amendment SUB-1318 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** 136669.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

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:      (FOR LFMS USE)
:      INFORMATION FROM LTS
:      -----
:
:  Program Code: 11300
:  Status Code: 0
:  Fee Category: 2C
:  Exp. Date: 20140331
:  Fee Comments: _____
:  Decom Fin Assur Req'd: N
:  .....

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A. REGION

Applicant/Licensee: GENERAL DYNAMICS OTS (PA) INC.
Received Date: 20050311
Docket No: 4008649
Control No.: 136669
License No.: SUB-1318
Action Type: Amendment

Amount: _____
Check No.: _____

Signed
Date

Signed Rebecca J. Smith
Date 3/29/2005

1. Fee Category and Amount: _____

Amendment _____
Renewal _____
License _____

3. OTHER _____

Signed
Date