

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.

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 20-00815-12

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

General Electric Co.
1100 Western Ave., Bldg. 27727
Lynn, MA 01910

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

General Electric Co.
1100 Western Ave., Bldg. 27727
Lynn, MA 01910

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

David M. Pratt

TELEPHONE NUMBER

(617) 594-9109

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 AND EXPERIENCE.

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

9. FACILITIES AND

8507170179 850619
REG1 LIC30
20-00815-12 PDR

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

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

FEE CATEGORY 3P AMOUNT ENCLOSED \$ 120

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

TYPE/PRINTED NAME

TITLE

DATE

Kenneth C. Joerger

Kenneth C. Joerger, CIH

Radiation Protection
Officer

12/21/84

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS

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

b. NUMBER OF EMPLOYEES (Total for entire facility including 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

Renewal Jan 4 I

3P

Frances Brown

AMOUNT RECEIVED

CHECK NUMBER

DATE

#120

88317

1/2/85

ATTACHMENT 1

Numbers refer to NRC Form 313.

5. No change.
6. No change.
7. Individuals responsible for use/supervision of source, David M. Pratt, Specialist-Environmental Chemistry; Kenneth C. Joerger, CIH, Radiation Protection Officer.

Specialist: Training and Experience -

1980 - Graduated from Bridgewater State College, Bridgewater, MA;
B.S. Degree in Chemistry - Math minor.
Four years in an Environmental Laboratory with experience in Atomic Absorption, Infra Red, D.C. Plasma, and Gas Chromatography. Familiar with general procedures for use of an electron capture detector similar to unit covered by this license.

Currently employed at General Electric Co. and responsible for G.C. Analysis. Received full training in the use of Ni 63 source and precautionary measures for preventing personnel exposure. Will rely on Radiation Protection Officer for further Radiation Safety Procedures.

Radiation Protection Officer: Training and Experience -

Master of Science - Environmental Health Sciences, Harvard University School of Public Health. 1981 Course Curriculum at Harvard included subjects pertaining to radiation protection to provide a basic training in the principles and practices of radiological health and safety, radiation measurements and instrumentation, radiation calculations and biological effects. Certification by the American Board of Industrial Hygiene in the comprehensive Practice of Industrial Hygiene. (Including radiation protection aspects) Designated CIH December 1983.

General Electric Co. Aircraft Engine Business Group, Environmental Industrial Hygienist, Radiation Protection Officer, August 1984 - present. Industrial Hygiene surveys of Industrial X-ray installations including X-ray radiography, electron beam (EB) welding and various X-ray producing units. Electron microscopes and other research equipment. Sealed Sources: Electron capture detector Ni 63 (15 millicuries), Kevex Fluorescence Analyzer with an AM-241 sealed source (20 millicuries). Surveyed for contamination in compliance with NRC regulations.

Rockwell International, Anaheim/Downer, CA. Environmental Health and Safety Engineer. Industrial Hygiene surveys of industrial X-ray installations September 1981 - August 1984.

8. No change.
9. No change.

10. Leak Testing Procedure (semi-annually) no change.

Survey Meter (gross contamination)

- (1) Eberline E-520 (sensitivity range 0-2000 MR/hr).

Calibrated by service company:

Nuclear Instruments
65 Grove Street
Rockland, MA 02370

Calibration frequency: semi-annually.

11. No change.

12. Fee Category 3P Fee Amount \$120.

- | 13. | Name | Title |
|-----|-------------------------|------------------------------|
| | Kenneth C. Joerger, CIH | Radiation Protection Officer |

BETWEEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration

John E. Glenn, Chief
Nuclear Materials Section B
Division of Engineering and
Technical Programs

Slight Address
Change

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: General Electric Company

Application Dated: 12/21/84

Control No.: 03272

License No.: 20-00815-12

2. FEE ATTACHED

Amount: \$ 120.00

Check No.: 88317

3. COMMENTS

Signed Brenda Platchek

Date 12/28/84

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: 3P \$ 120

2. Correct Fee Paid. Application may be processed for:

Amendment

Renewal ✓

License

Signed Frances Brown

Date 1/2/85