

030-19516

NRC FORM 312
(1-84)
10 CFR 30, 32, 33, 34,
35 and 40

APPLICATION FOR MATERIAL LICENSE

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED BY OMB
3180-0120
EAPM: 5-31-87

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 8
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
811 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 20-19908-03
☐ C. RENEWAL OF LICENSE NUMBER _____

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

G. E. AIRCRAFT ENGINES
ENVIRONMENTAL HEALTH AND SAFETY
1000 WESTERN AVENUE
LYNN, MA. 01910 MZ 17412

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

G.E.-AIRCRAFT ENGINES
1000 WESTERN AVENUE
LYNN, MA. 01910 (Receiving Inspection Bldg. 42)

AND

G.E.-AIRCRAFT ENGINES
62 TREMONT STREET
EVERETT, MA. 02149 (Everett Laboratory)

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

KENNETH C. JOERGER, CIH

TELEPHONE NUMBER
(617) 594-2655

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 EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSEE FEES (See 10 CFR 170 and Section 170.31)
FEE CATEGORY 3P AMOUNT ENCLOSED \$ 60.00

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

Kenneth C Joerger

TYPED/PRINTED NAME

KENNETH C. JOERGER, CIH

TITLE

RADIATION PROTECTION OFFICER 11/19/87

DATE

ANNUAL RECEIPTS

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

14. VOLUNTARY ECONOMIC DATA

b. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)

c. NUMBER OF BEDS

f. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (hourly and/or part hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC requires permission 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
AMOUNT RECEIVED	CHECK NUMBER	8903140461 880221 REG1 LIC30 20-19908-01 PNU		DATE

PRIVACY ACT STATEMENT ON THE REVERSE

"OFFICIAL RECORD COPY"

Dr. John Glenn,

(2 copies)

Discard Amendment sent in
Use This, page 2 notes
Changes needed in Model #5

MAIL CONTROL # 108212

AMENDMENT TO

NRC LICENSE NO. 20-19908-03

GENERAL ELECTRIC COMPANY - GE AIRCRAFT ENGINES - LYNN

Item numbers refer to NRC Form 313

Note Changes in Item Numbers 2 through 4 on Application Page. License Number 20-19908-10 now administered by the Environmental Health & Safety Office - Radiation Protection - GE Aircraft Engines - 1000 Western Avenue Lynn, MA 01910. Sources are now used at two GE Aircraft Engine locations:

GE - Aircraft Engines
Receiving Inspection Bldg. 42
1000 Western Avenue
Lynn, MA 01910

&

GE - Aircraft Engines
Everett Laboratory
62 Tremont Street
Everett, MA 02149

Items 5 and 6 - No Change.

Item 7 - Individuals Responsible for Radiation Safety Program - Their Training and Experience.

The following individuals will use and/or supervise the use of the Kevex X-Ray Fluorescence Analyzers; these individuals will not perform any maintenance or repair on the Analyzers nor will these individuals perform leak tests using a leak-test kit (qualified service personnel of the Kevex Corporation will perform repairs and/or maintenance and the required leak tests).

Supervisors:

Kenneth C. Joerger, CIH
Robert Hoffman
Francis McManus

Radiation Protection Officer - Lynn
Non Destructive Test (NDT) Specialist - Everett
Supervisor, Receiving Inspection - Bldg. 42 - Lynn

No specific training or experience in the use and handling of radioactive materials is necessary for the above individuals who will use or supervise the use of the Kevex Analyzers¹.

1. Guide for the Preparation of Applications for Licenses for the Use of Sealed Sources in Gas Chromatography Devices and X-Ray Fluorescence Analyzers
- US NRC, Draft Regulatory Guide and Value/Impact Statement, February 1985.

Supplemental Page 2 - Amendment dated 01/28/88

Item 8 - Training Provided to Other Users - None Required.

Item 9. Facilities and Equipment.

Equipment: No Change. Facilities: Analyzers are located in the Everett Quality Control Laboratory, located in the Southeast Corner of the Main Everett Building #17 and in Quality Receiving Inspection - Building #42 Lynn Plant. During the Day, the Everett Facility has unrestricted access but area is under constant surveillance and in the immediate control of the licensee. The Lynn Facility (Receiving Inspection - Building #42) is restricted to Authorized Personnel Only through locked doors. Both Facilities are separate areas which are secured after normal working hours.

Items 10 through 11 - No Change.

CHANGE 7A, 7B AND 9A & 9B OF MATERIALS LICENSE - AMENDMENT NO. 3
DATED 13 APRIL 1987 TO READ:

7A. Sealed Sources (Isotope Products Series XFB or IPL #341 or Amersham Corporation Model CUC.01 or CUC.P1)

7B. Sealed Sources (Isotope Products Series GFS or Amersham Corporation Models AMC64, AMC65 or AMC.P2)

9A. & 9B. Authorized Use For use in Kevex Corporation Analyzers with Dual Nuclide Source Holder Models 0202 or 0402, for chemical Analysis of samples.

ENCLOSURE: Check Payable to US NRC in the Amount of \$60.00 for Amendment Fee.

Kenneth C. Joerger

Kenneth C. Joerger, CIH
Environmental Industrial Hygienist
Radiation Protection Officer - LPD
MZ 17412 (617) 594-2655

Copies: Robert Hoffman - Evt
Francis McManus - Lynn
Oliver White - Lynn

0421K

030-19576

NRC FORM 313
(1-64)
10 CFR 30, 32, 33, 34,
35 and 40

APPLICATION FOR MATERIAL LICENSE

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED BY OMB
3150-0120
Expires: 5-31-87

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☒ B. AMENDMENT TO LICENSE NUMBER 20-19908-01
☐ C. RENEWAL OF LICENSE NUMBER _____

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G. E. AIRCRAFT ENGINES
ENVIRONMENTAL HEALTH AND SAFETY
1000 WESTERN AVENUE
LYNN, MA. 01910 MZ 17412

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9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSEE FEES (See 10 CFR 170 and Section 170.37)

FEE CATEGORY 3P AMOUNT ENCLOSED \$ 60.00

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SIGNATURE—CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE

DATE

Kenneth C Joerger

KENNETH C. JOERGER, CIH

RADIATION PROTECTION OFFICER 11/19/87

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS

<\$250K
\$250K-500K
\$500K-750K
\$750K-1M

\$1M-3.5M
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\$7M-10M
>\$10M

b. NUMBER OF EMPLOYEES (Task for entire facility excluding outside contractors)

c. NUMBER OF BEDS

d. WOULD YOU BE WILLING TO FURNISH COST INFORMATION (Salary 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

AMOUNT RECEIVED

CHECK NUMBER

DATE

\$60

705757

DATE

PRIVACY ACT STATEMENT ON THE REVERSE

"OFFICIAL RECORD COPY"

ML10

108212

12-22-87

AMENDMENT TO

NRC LICENSE NO. 20-19908-01

GENERAL ELECTRIC COMPANY - GE AIRCRAFT ENGINES - LYNN

Item numbers refer to NRC Form 313

Note Changes in Item Numbers 2 through 4 on Application Page. License Number 20-19908-10 now administered by the Environmental Health & Safety Office - Radiation Protection - GE Aircraft Engines - 1000 Western Avenue Lynn, MA 01910. Sources are now used at two GE Aircraft Engine locations:

GE - Aircraft Engines
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Lynn, MA 01910

&

GE - Aircraft Engines
Everett Laboratory
62 Tremont Street
Everett, MA 02149

Items 5 and 6 - No Change.

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Kenneth C. Joerger, CIH
Robert Hoffman
Francis McManus

Radiation Protection Officer - Lynn
Non Destructive Test (NDT) Specialist - Everett
Supervisor, Receiving Inspection - Bldg. 42 - Lynn

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¹. Guide for the Preparation of Applications for Licenses for the Use of Sealed Sources in Gas Chromatography Devices and X-Ray Fluorescence Analyzers - US NRC, Draft Regulatory Guide and Value/Impact Statement, February 1985.

Supplemental Page 2 - Amendment dated 11/19/87

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Items 10 through 11 - No Change.

ENCLOSURE: Check Payable to US NRC in the Amount of \$60.00 for Amendment Fee.

Kenneth C Joerger
Kenneth C. Joerger, CIH
Environmental Industrial Hygienist
Radiation Protection Officer - LPD
MZ 17412 (617) 594-2655

Copies: Robert Hoffman - Evt
Francis McManus - Lynn
Oliver White - Lynn

0421K

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

(FOR LFMS USE)
INFORMATION FROM LMS

PROGRAM CODE: 03122
STATUS CODE: 0
FEE CATEGORY: 3P
EXP. DATE: 19920331
FEE COMMENTS: -----
.....

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: G. E. AIRCRAFT ENGINES
RECEIVED DATE: 871222
DOCKET NO: 3019516
CONTROL NO.: 108212
LICENSE NO.: 20-19908-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: \$60
CHECK NO.: 725-757

3. COMMENTS

SIGNED
DATE

[Signature]
1/4/88

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1/4/88)

1. FEE CATEGORY AND AMOUNT: 3P \$60

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:

AMENDMENT
RENEWAL
LICENSE

3. OTHER

SIGNED
DATE

[Signature]
1/12/88