

NORTHROP

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renewal
30-17923

Defense Systems Division
Electronics Systems Group

Northrop Corporation

600 Hicks Road
Rolling Meadows, Illinois
60008-1098
Telephone 312 259-9600
TWX 910 687-3785
TLX 270566

December 13, 1985

United States Nuclear Regulatory Commission
Materials Licensing Section
Division of Radiation Safety and Safeguards
Washington, D.C. 20555

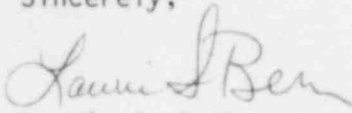
Re: Renewal of License No. 12-20067-01
Expiration Date: 01/31/86
Program Code: 03123

Gentlemen:

Enclosed please find duplicate originals of Northrop Corporation Defense Systems Division's Application For Material License plus the required fee in the amount of \$120.00 for the above described license renewal. Please process and file the application in the customary manner.

Should you have any questions regarding the application, please contact the undersigned.

Sincerely,


Laurie S. Bem

RECEIVED

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U.S. N.R.C.
LIC. FEE

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REG3 LIC30
12-20067-01 PDR

19443

Northrop

INDUSTRIAL - GAS CHROMATOGRAPH CHECKLIST

Deficient Acceptable

ITEMS 2, 4 and 5

✓
✓
✓

1. Name Changes?
2. Address Changes?
3. Place of use same?

ITEM 6. INDIVIDUAL USERS

✓

1. Name of users/supervisors?

ITEM 7. RADIATION PROTECTION OFFICER
(not necessary)

ITEM 8. LICENSED MATERIAL

✓
✓
✓

1. Name of manufacturer and model number of each detector cell?
Name of manufacturer of each gas chromatograph?
2. Activity indicated?

ITEM 9. STORAGE OF SEALED SOURCES
(not necessary since storage is in gas chromatograph)

ITEMS 10, 11, and 12.
INSTRUMENTS, CALIBRATION, AND PERSONNEL MONITORING DEVICES
(not necessary)

ITEM 13. FACILITIES AND EQUIPMENT
(not necessary)

ITEM 14. WASTE DISPOSAL

✓
✓

1. Procedures for disposal of foil after use discontinued?
2. If manufacturer, is name listed?

Deficient Acceptable

ITEM 15. RADIATION PROTECTION PROGRAM

- | | | |
|-------|------------|---|
| _____ | <u>N/A</u> | 1. Procedures for cleaning detector cells/removal and exchange of detector cell foil? (copy of manufacturer's procedures included or specify cells returned to supplier) |
| _____ | <u>N/A</u> | 2. Procedure for venting detector cells with H-3 foils? |
| _____ | ✓ | 3. Leak tests |
| _____ | ✓ | a. If by commercial leak test kit, is name of supplier and model no. of kit supplied? |
| _____ | <u>N/A</u> | b. If performing their own:
(1) Name and qualifications of individual performing.
(2) Type, name of manufacturer, and model number of measuring instrument used to analyze samples?
(3) Procedures for calibration of measuring instrument. Stds. listed?
Method including sample calculation showing how results converted to activity units (e.g. μCi)? |

ITEMS 16 and 17. TRAINING AND EXPERIENCE OF USERS AND RSO
(should have used a GC)

ITEM 18.

- | | | |
|-------|---|----------------------------|
| _____ | ✓ | 1. Proper signature? Date? |
|-------|---|----------------------------|