



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

Office of Federal and State Materials and
Environmental Management Programs
WASHINGTON, DC 20555 - 0001

January 8, 2013

Docket No. 030-38595
Mail Control 579545

License No. 34-35023-xxE

David Lacey, CSP
Northrop Grumman Corporation - Xetron
460 West Crescentville Rd
Cincinnati, OH 45246

**SUBJECT: NORTHROP GRUMMAN CORPORATION – XETRON, REQUEST FOR
ADDITIONAL INFORMATION CONCERNING APPLICATION FOR A NEW
LICENSE**

Dear Mr. Lacey:

This refers to your new license application request dated October 18, 2012, and received by our office on December 7, 2012. In order to continue our review, we need the following additional information:

1. 10 CFR 30.33 requires you to apply for and obtain a specific license authorizing possession and use of radioactive material from the State of Ohio or from wherever licensed material will be possessed. Please submit a copy of your current State of Ohio license.
2. Please provide the license number(s) of the manufacturer(s) where your radioactive sources are purchased from.
3. 10 CFR 30.15 requires that each source contains no more than one exempt quantity set forth in § 30.71, Schedule B, and each instrument contains no more than 10 exempt quantities. In your application, the Co60 source was indicated less than 5 μ Ci, that could be more than one exempt quantity of 1 μ Ci set forth in 10 CFR 30.71, Schedule B. Also, the quality of K40 in your application could be more than one exempt quantity of 0.1 μ Ci set forth in 10 CFR 30.71, Schedule B. Please modify the quality of Co60 and K40 in accordance with 10 CFR 30.15.
4. In accordance with 10 CFR 32.14, your application dated October 18, 2012, with NRC Form 313, did not include all required documentation. Please submit:
 - (1) Provide information of the radiation level and the method of measurement for the products;
 - (2) Any additional information, including experimental studies and tests, required by the Commission to facilitate a determination of the safety of the product.

M. Simoni
Northrop Grumman Electronic Systems - Xetron

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We will continue our review upon receipt of this information. If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

In accordance with 10 CFR 2.390 of NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in NRC's Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If you have any questions, please feel free to contact me at (301) 415-7640 or by Email at Shirley.Xu@nrc.gov.

Sincerely,

/RA/

Shirley Xu,
License Branch
Division of Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management Programs

M. Simoni
Northrop Grumman Electronic Systems - Xetron
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We will continue our review upon receipt of this information. If we do not receive a reply from you within 30 calendar days from the date of this letter, we will assume that you do not wish to pursue your application.

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If you have any questions, please feel free to contact me at (301) 415-7640 or by Email at Shirley.Xu@nrc.gov.

Sincerely,

/RA/

Shirley Xu,
License Branch
Division of Materials Safety and State Agreements
Office of Federal and State Materials and
Environmental Management Programs

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SUNSI Review Complete: SXu

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