



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

February 27, 2005

Docket No. 03006185
Control No. 136271

License No. 37-08210-01

Joan I. Fessler, C.I.H.
Health & Safety Engineer /Radiation Safety Officer
Carpenter Technology Corporation
P. O. Box 14662
Reading, PA 19612-4662

SUBJECT: CARPENTER TECHNOLOGY CORPORATION, REQUEST FOR ADDITIONAL
INFORMATION CONCERNING APPLICATION FOR AMENDMENT TO
LICENSE, CONTROL NO. 136271

Dear Ms. Fessler:

This is in reference to your letter dated January 7, 2005 requesting to amend Nuclear Regulatory Commission License No. 37-08210-01. In order to continue our review, we need the following additional information:

Your application does not contain the information needed to support your request for x-ray fluorescence analyzer (XRF) operations. Please resubmit your application using the guidance in NUREG-1556, Volume 7, "Consolidated Guidance About Materials Licenses: Program-Specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope" (enclosed). The checklist in Appendix D in NUREG-1556, Volume 7 contains procedures that are acceptable to the NRC and may be used to submit your response. Please photocopy pages D-7 through D-11, checkmark the appropriate boxes, provide any additional information that is requested and re-submit your request.

Please note that the Niton Xli-Series and XLp-Series noted in your letter dated January 7, 2005 may be generally licensed and not required to be placed on your specific NRC license. You will need to check with the manufacturer/distributor to confirm that you will be receiving a specifically licensed XRF and not a generally licensed XRF. We will gladly place the specifically licensed XRF on your license following completion of the information requested above.

Current NRC regulations and guidance are available at the NRC Web sites listed below or by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 9:00 p.m. EST, Monday through Friday (except Federal holidays).

J. Fessler
Carpenter Technology Corporation

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We will continue our review upon receipt of this information. Please reply to my attention at the Region I Office and refer to Mail Control No. 136271. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5251.

If we do not receive a reply from you within 30 calendar days from the date of this letter, we shall assume that you do not wish to pursue your application.

Sincerely,

Original signed by Kathy Dolce Modes

Kathy Dolce Modes
Health Physicist
Security and Industrial Branch
Division of Nuclear Materials Safety

Enclosures:

1. 10 CFR Parts 19, 20, 30, and 31
2. NUREG-1556, Volume 7

The following documents are available electronically:

NRC regulations

<http://www.nrc.gov/reading-rm/doc-collections/cfr/>

Licensing guidance

<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>

General Policy and Procedure for NRC Enforcement Actions

<Http://www.nrc.gov/what-we-do/regulatory/enforcement/enforc-pol.pdf>

206 of the Energy Reorganization Act of 1974

<http://www.nrc.gov/who-we-are/governing-laws.html>

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