



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

December 6, 2011

Docket No. 03012630  
Control No. 576424

License No. 01-00126-16

Stephen V. Howard, C.H.P.  
Chief, Radiation Standards Laboratory  
Department of the Army  
U.S. Army Aviation and Missile Command  
U.S. Army TMDE Activity  
AMSAM-TMD-SR, Building 5417  
Redstone Arsenal, AL 35898-5000

SUBJECT: DEPARTMENT OF THE ARMY, REQUEST FOR ADDITIONAL INFORMATION  
CONCERNING APPLICATION FOR AMENDMENT TO LICENSE, CONTROL  
NO. 576424

Dear Mr. Howard:

This is in reference to your letter dated November 18, 2011 requesting to amend Nuclear Regulatory Commission License No. 01-00126-16. In order to continue our review, we need the following additional information:

1. As stated in NUREG-1556, Volume 5, "Consolidated Guidance About Materials Licenses Program-Specific Guidance About 10 CFR Part 36 Irradiator Licenses," section 10, please state the reason why the exemption is needed.
2. As stated in NUREG-1556, Volume 5, "Consolidated Guidance About Materials Licenses Program-Specific Guidance About 10 CFR Part 36 Irradiator Licenses," section 10, please give alternate methods for complying with the regulation and why they are not feasible.
3. As stated in NUREG-1556, Volume 5, "Consolidated Guidance About Materials Licenses Program-Specific Guidance About 10 CFR Part 36 Irradiator Licenses," Appendix R, the compensatory safety measurements for a 10 CFR 36.23(c) exemption requires the licensee to commit to the following: the licensee has an electrical interlock system which will retract the source, upon opening access doors to the radiation room and commits to its use. In addition, the licensee must commit to having an operator present and having a radiation monitor in the room when radiation levels are high. Please make those commitments.

Current NRC regulations and guidance are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Med, Ind, & Academic Uses**; then **Licensee Toolkits**, see our **toolkit index page**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 8:00 a.m. to 5:30 p.m. EST, Monday through Friday (except Federal holidays).

S. Howard

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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. 576424. If you have any technical questions regarding this deficiency letter, please call me at (610) 337-5040.

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.

Sincerely,

***Original signed by Elizabeth Ullrich***

Elizabeth Ullrich  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

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**SUNSI Review Complete: DLawyer**

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