UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555 - 0001

October 27, 2011

Greg Barton
Director of Operation, Detection System
Chemring Detection Systems
4205 Westinghouse Commons Drive
Charlotte, NC 28273

SUBJECT: Amendment to NRC License No. 32-23947-01E and Sealed Source and Device Certificate No. NR-1280-D-101-E

Dear Mr. Barton:

Enclosed is Nuclear Regulatory Commission (NRC) License No. 32-23947-01E, Amendment No. 02, as well as Sealed Source and Device Certificate No. NR-1280-D-101-E, reflecting the addition of a model of JUNO detector containing a lower-activity source. Please review the enclosed documents carefully and be sure that you understand all the conditions. If there are any errors or questions, please contact me so that appropriate corrections or answers can be provided.

Please be advised that you must conduct your program involving radioactive materials in accordance with the conditions specified in your NRC license, representations made in your license application, and other rules, regulations, and orders of the U.S. Nuclear Regulatory Commission, now or hereafter in effect, to include the following:

1. Comply with applicable NRC regulations in 10 CFR Part 30, "Rules of General Applicability to Domestic Licensing of Byproduct Material"; 10 CFR Part 32, "Specific Domestic Licenses to Manufacture or Transfer Certain Items Containing Byproduct Material"; and other applicable regulations.

   NOTE: Licensees authorized to distribute or initially transfer products containing byproduct material must also possess a valid possession license issued either by NRC or an Agreement State(s) which authorizes possession and use of byproduct material.

2. Distribute only those products containing radioactive material which are specifically authorized in your license.

3. Notify NRC in writing within 30 days of any change in mailing address.

4. Request and obtain appropriate amendments if you plan to change control or ownership of your organization, change locations of distribution of products containing radioactive material, or make any other changes in your program which are contrary to the license conditions or representations made in your license application and any supplemental correspondence with NRC.

5. Submit a complete renewal application or termination request at least 30 days before the expiration date on your license. You should receive a reminder notice approximately 90 days before the expiration date. Continued distribution of products containing radioactive material after your license expires is a violation of NRC regulations.

6. In accordance with 10 CFR 30.36, request termination of your license if you plan to permanently discontinue activities involving distribution of products containing radioactive material.

You will be periodically inspected by NRC. Failure to conduct your program in compliance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC may result in enforcement action(s) against you. This could include issuance of a notice of violation; proposed imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the "General Statement of Policy and Procedures for NRC Enforcement Actions," (NUREG-1600).

In accordance with 10 CFR 2.390 of NRC's "Rules of Practice," a copy of this letter and its enclosure 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/reading-rm/adams.html (the Public Electronic Reading Room).

If you have any questions regarding the license, you may contact me at (301) 415-5477, or by electronic mail at Richard.Struckmeyer@nrc.gov. Questions concerning your Sealed Source and Device Certificate should be directed to Ujagar Bhachu at (301) 415-7894 or by electronic mail at Ujagar.Bhachu@nrc.gov.

Sincerely,
/RA/
Richard K. Struckmeyer
Licensing Branch
Division of Materials Safety and
State Agreements
Office of Federal & State Materials &
Environmental Management Programs
Washington, DC 20555

Docket No. 030-37431
Enclosure: Lic. No. 32-23947-01E
Amendment No. 02
NR-1280-D-101-E

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/RA/
Richard K. Struckmeyer
Licensing Branch
Division of Materials Safety and
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Office of Federal & State Materials &
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Washington, DC 20555

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