



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION IV  
1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS 76011-4511

February 28, 2013

Department of the Army  
Portland District, Corps of Engineers  
ATTN: Gregory B. Vincent  
Radiation Safety Officer  
8010 NW Saint Helens Road  
Portland, Oregon 97210-3699

**SUBJECT: REQUEST FOR ADDITIONAL INFORMATION**

The Nuclear Regulatory Commission (NRC) has received your letter dated February 11, 2013, providing additional information. After reviewing your response, we noticed that certain commitments and information, which are described in Appendix B of NUREG-1556, Volume 4, were not included in the response. Please provide the following commitments and additional information in a signed and dated letter within 30 days of receipt of this letter. Make reference to mail control number 579528 when providing your response.

1. Provide manufacturer's name and specific model number for the fixed gauges currently in your possession.
2. Provide the following commitment: "Before being named as the RSO, future RSOs will have successfully completed the training described in Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer" in NUREG-1556, Vol. 4, dated October 1998. Within 30 days of naming a new RSO, we will submit the new RSO's name to NRC to include in our license."
3. Provide the following commitment: "Before using licensed materials, authorized users will have successfully completed the training described in Criteria in the section entitled, "Authorized Users" in NUREG-1556, Vol. 4, dated October 1998."
4. Provide the following commitment: "We will ensure that the location of each fixed gauge meets the Criteria in the section entitled "Facilities and Equipment" in NUREG-1556, Vol. 4, dated October 1998."
5. Provide the following commitment: "We will use instruments that meet the Criteria in the section entitled "Radiation Safety Program - Instruments," in NUREG-1556, Vol. 4, dated August 1998, and each survey meter will be calibrated by the manufacturer or other person authorized by the NRC or an Agreement State to perform survey meter calibrations."
6. Provide the following commitment: "Physical inventories will be conducted at intervals not to exceed 6 months or at other intervals approved by the NRC, to account for all sealed sources and devices received and possessed under the license."

7. Provide the following commitment: "We will perform a prospective evaluation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10% of the allowable limits in 10 CFR Part 20 or we will provide dosimetry that meets the Criteria in the section entitled "Radiation Safety Program - Occupational Dosimetry," in NUREG-1556, Vol. 4, dated October 1998."
8. Provide the following commitment: "Operating and emergency procedures will be developed, implemented, maintained, and distributed, and will meet the Criteria in the section entitled "Radiation Safety Program - Operating and Emergency Procedures," (pages 8-25 and 8-26) in NUREG-1556, Vol. 4, dated August 1998."
9. Provide the following commitment: "Leak tests will be performed at intervals approved by the NRC or an Agreement State and specified in the Sealed Source and Device Registration Certificate. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions."
10. Provide the following commitment: "We will implement and maintain procedures for routine maintenance of our fixed gauges according to each manufacturer's or distributor's written recommendations and instructions."
11. Provide the following commitment: "The gauge manufacturer, distributor or other person authorized by NRC or an Agreement State will perform non-routine operations such as maintenance or repair of components related to the radiological safety of the gauge (i.e., the sealed source, the source holder, source drive mechanism, on-off mechanism (shutter), shutter control, shielding); replacement, and disposal of sealed sources; dismantling of a fixed gauging device; alignment of a fixed gauging device; replacement of a fixed gauging device with a new or different type of fixed gauging device; and disposal of a fixed gauging device containing sealed source(s)."
12. Provide the following commitment: "We will develop, implement, maintain and distribute procedures that meet the Criteria in the section entitled "Radiation Safety Program - Fixed Gauges Used at Temporary Job Sites" in NUREG-1556, Vol. 4, dated October 1998."

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Thank you for your cooperation.

Sincerely,

**/RA/**

Roberto J. Torres, Senior Health Physicist  
Nuclear Materials Safety Branch B

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