



CONVERSATION RECORD

9/27/2013

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU Laura Dresen, Radiation Safety Officer (RSO)		DATE OF CONTACT 09/27/2013	TYPE OF CONVERSATION <input type="checkbox"/> E-MAIL <input checked="" type="checkbox"/> TELEPHONE <input type="checkbox"/> INCOMING <input checked="" type="checkbox"/> OUTGOING
E-MAIL ADDRESS ldresen@dhs.in.gov		TELEPHONE NUMBER (317) 234-6510	

ORGANIZATION Indiana Dept. of Homeland Security - Indiana State Dept. of Health - Field Services Division/Indiana Gov't Ctr South	DOCKET NUMBER(S) 030-37731
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LICENSE NUMBER(S) 13-06028-02	CONTROL NUMBER(S) 581547
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SUBJECT  
Our review of license amendment request dated August 5, 2013

SUMMARY

We have reviewed your license amendment request and find that we are unable to continue this action until we have received additional information requested below.

Direct any questions you have to me at (630) 829-9892 or sara.forster@nrc.gov.

Submit requested information within 14 days of this record, referencing Control No. 581547, as listed at the top of this memo. Please FAX your response to my attention at (630) 515-1078. You may also scan your response and send to me via email, as a pdf file. Include a signed and dated cover letter with your response.

As discussed, we expect to receive your written response on or before October 11, 2013.

ACTION REQUIRED (IF ANY)

The August 5, 2013, letter requested to add Mary C. Stiker as an Authorized User (AU), but did not provide the dates on which radiation safety training or hands on experience - with radionuclides listed on the referenced license - was completed.

Please provide Ms. Stiker's training and experience, including dates, in accordance with radiation safety topics outlined in NUREG 1556, Vol. 7, "Program Specific Guidance About Academic, Research and Development, and other Licenses of Limited Scope," dated December 1999, p. 8-17, which may be found at <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v7/>. A copy of this page has been attached, for your reference. Please include Ms. Stiker's hands-on experience with radionuclides, as applicable to analysis of environmental samples, including dates of use, and maximum activities used, with your response.

NAME OF PERSON DOCUMENTING CONVERSATION  
Sara A.B. Forster, Materials Licensing Branch, Region III Office, 2443 Warrenville Road, Suite 210, Lisle, Illinois 60532

SIGNATURE  
*Sara A. Forster*

9/27/2013

# CONVERSATION RECORD (continued)

re C/N 581547

## CONTENTS OF AN APPLICATION

NRC believes that to demonstrate adequate training and experience the AU should have (1) a college degree at the bachelor level, or equivalent training and experience in physical, chemical, or biological sciences or in engineering; and (2) training and experience commensurate with the scope of proposed activities. Training should include the following subjects:

- \* • Radiation Protection Principles
- \* • Characteristics of Ionizing Radiation
- \* • Units of Radiation Dose and Quantities
- \* • Radiation Detection Instrumentation
- \* • Biological Hazards of Exposure to Radiation (appropriate to the types and forms of byproduct material to be used) → *relative to environmental analysis, for all isotopes/radionuclides for which authorization is sought.*
- \* • Hands-on Use of Radioactive Materials. →

The amount of training and experience needed will depend upon the type, form, quantity and proposed use of the licensed material requested, but it should cover the subjects stated.

An AU is considered to be supervising the use of radioactive materials when he/she directs personnel in operations involving the licensed material. Although the AU may delegate specific tasks to supervised users (e.g., conducting surveys, keeping records), he/she is responsible for the safe use of radioactive material to assure that areas are not contaminated.

Applicants must name at least one individual who is qualified to use the requested licensed materials. In general, AUs must demonstrate training and experience with the type and quantity of material that they propose to use. For example, someone with training and experience only with sealed radioactive sources may not be qualified to use or supervise the use of unsealed licensed material. In addition, someone with experience using only trace quantities may not understand the risks of working with much larger (e.g., 10 or 100 times larger) quantities of the same substance. Applicants should pay particular attention to the type of radiation involved. For example, someone experienced with gamma emitters may not have appropriate experience for high energy beta emitters.

**Response from Applicant:** Provide the following:

- Name of each proposed AU with the types and quantities of licensed material to be used
- Information demonstrating that each proposed AU is qualified by training and experience to use the requested licensed materials. *(if all isotopes/radionuclides are requested, please so state.)*

**Forster, Sara**

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**From:** Forster, Sara  
**Sent:** Friday, September 27, 2013 12:24 PM  
**To:** 'ldresen@dhs.in.gov'  
**Subject:** Additional Information Request for Indiana Dept. of Homeland Security, NRC Lic. No. 13-06028-02  
**Attachments:** 03620.581547.13-06028-02 telecon signed.pdf

Dear Ms. Dresen:

See the attached file for additional information needed to complete the review of your recent license amendment request. Note that the attached conversation record requests additional information on or before close of business on October 11, 2013. Additional guidance may be found in NUREG 1556, Vol. 7, "Program Program-Specific Guidance About Academic, Research and Development, and other Licenses of Limited Scope," which may be found at:

<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v7/>.

Submission of your response as a pdf file attached to an email or via facsimile will allow for the quickest processing. Do not hesitate to call me with any questions you may have.

**Sara A. B. Forster, Health Physicist Licensing Reviewer**  
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Division of Nuclear Materials Safety  
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