



CONVERSATION RECORD

06/18/2013

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Eric R. Jeppesen, Radiation Safety Officer (RSO)

DATE OF CONTACT

06/18/2013

TYPE OF CONVERSATION

E-MAIL

TELEPHONE

INCOMING

OUTGOING

E-MAIL ADDRESS

ejeppesen@mriglobal.org

TELEPHONE NUMBER

(816) 360-5378

ORGANIZATION

MRIGlobal (formerly Midwest Research Institute)

DOCKET NUMBER(S)

030-05083

LICENSE NUMBER(S)

24-02564-02

CONTROL NUMBER(S)

580750

SUBJECT

Our review of your amendment request letter dated May 14, 2013

SUMMARY

We have reviewed your amendment request and find that we are unable to continue this action until we have received additional information outlined on page 2 of this conversation record.

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

As discussed, we expect to receive your written response on or before July 12, 2013.

**Continue on Page 2**

ACTION REQUIRED (IF ANY)

We have requested that the licensee provide additional information, attached to a signed, dated cover letter, as follows:

- Radioactive Materials Use history, close-out surveys, and leak test results for isotopes and/or areas of use to remove from the license
- Extent known or unknown H-3/C-14 contamination in areas where H-3 or greater than 1 curie C-14 have ever been used or stored

As we discussed, please submit requested information within 24 days of this record, referencing Control No. 580750, as listed at the top of this memo. You may FAX your response to my attention at (630) 515-1078. In the alternative, please scan your response and send to me via email, as a pdf file. Include a signed, dated cover letter with your response.

**Continue on Page 3**

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.B. Forster*

06/18/2013

CONVERSATION RECORD (continued)

SUMMARY: (Continued from page 1)

E. Jeppesen

To remove phosphorus-32 (P-32), phosphorus-33 (P-33), and tritium (H-3) from your license, and to lower the maximum carbon-14 (C-14) possession limit from 100 Ci to 1 Ci, please indicate the radioactive materials use history for each isotope. Include all areas of use (AOUs) where radioactive materials have been used under NRC License No. 24-02564-02, and not previously decommissioned/ released by report to and/or review by the NRC.

1. For each area of use where unsealed P-32 and/or P-33 were used under the license, submit closeout surveys and final materials disposition. In the alternative, if no unsealed P-32 and/or P-33 were used under NRC License No. 24-02564-02, please specifically state this for each of P-32 and P-33. For all areas where P-32 and/or P-33 unsealed materials were used, include the following information with your response:
  - i. History of radioactive materials use, by isotope, for that area. Include the last date(s) on which the isotope was used, possessed, transferred, and disposed.
  - ii. Area survey and wipe test results for each area of use to be released as part of any location close-out, including exposure rates and wipe results, background readings, facility diagram with survey and wipes keyed to specific locations, name of person(s) performing closeout survey and wipe-test results, background readings, instrument(s) used, and the last calibration date for the instrument(s) used.
  - iii. Confirmation that all radioactive waste has been decayed to background radiation or has been transferred to a radioactive waste broker for disposal. For materials transferred or otherwise disposed of, provide the license number and contact information for each facility where the material was transferred. Attach receipt confirmation by the materials recipient.
2. For each area of use where unsealed H-3 was used under the license, submit closeout surveys and final materials disposition. In the alternative, if no unsealed H-3 was used under NRC License No. 24-02564-02, please specifically state this. For all areas where H-3 unsealed materials were used, include responses for items i., ii., and iii., under Item 1., above, with your response. For H-3, include responses to items iv. and v., with your response:
  - iv. Indicate the maximum total unsealed activity actually used/possessed at the 425 Volker Blvd. location of use (lou).
  - v. Describe any contamination at the 425 Volker Blvd. lou, known or unknown, that may render that facility unsuitable for unrestricted release in accordance with NRC requirements.
3. For any aou at the 425 Volker Blvd. lou where unsealed C-14 was used, and is no longer being used, submit closeout surveys and final materials disposition for C-14 stored in the relevant aou. If no C-14 aou is being closed out as part of this request, please so state. For all areas where C-14 unsealed materials were used, include details outlined in items i., ii., and iii., under Item 1., and in items iv. and v., under item 2., above, with your response, as applicable.
4. For each area of use where sealed sources containing P-32, P-33, and/or H-3, and containing greater than 1 Ci of C-14 (if any), were received, used, possessed, and/or stored, submit closeout surveys as available, including information required for unsealed source use areas closeout information. For areas where sealed sources were authorized but never used, please specifically so state. Attach final disposition information including any leak test results for each source authorized under the license. For sources transferred to another entity, provide the recipients' radioactive materials license number (include a copy of the license if issued by an agreement state), and confirmation of receipt.