



CONVERSATION RECORD

DATE OF SIGNATURE

09/05/2014

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

Richard D. Granberg, CHP, Radiation Safety Officer (RSO)

DATE OF CONTACT

09/05/2014

TYPE OF CONVERSATION



E-MAIL



TELEPHONE



INCOMING



OUTGOING

E-MAIL ADDRESS

richard.granberg@mpiresearch.com

ext. 2050

TELEPHONE NUMBER

(269) 668-3336

ORGANIZATION

MPI Research, Inc.

DOCKET NUMBER(S)

030-08546

LICENSE NUMBER(S)

21-11315-02

CONTROL NUMBER(S)

N/A

SUBJECT

Our review of your amendment request letter dated February 17, 2014, and information provided in letter dated June 16, 2014

SUMMARY

We have reviewed your license amendment request, and as discussed, will continue this action once we have received additional information summarized below. Additional details regarding our phone discussion may be found on page 2 of this conversation record.

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

Submit requested information no later than 7 days of the date of signature listed on this record, referencing 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 September 12, 2014.

ACTION REQUIRED (IF ANY)

PLEASE RESPOND TO THE FOLLOWING THREE QUESTIONS:

1. The license was renewed on June 24, 2014, following your submission of additional information regarding program management and staffing. Please provide any updates to your management organizational chart and/or your Radiation Safety Office staff that has changed management and staff availability to perform activities related to the use of accelerator produced radionuclides.
2. Please provide clearer diagrams of the T-Building exhaust ventilation system, including air exhaust flow direction arrows and clear connections from the first floor system to the penthouse ductwork and equipment. Please also confirm that any loss of air handlers for the T-Building would require immediate shut down of cyclotron-related radiochemistry operations.

Continue on Page 2

NAME OF PERSON DOCUMENTING CONVERSATION

Sara A. Forster, Materials Licensing Branch, Region III Office, 2443 Warrenville Road, Suite 210, Lisle, Illinois 60532

SIGNATURE

9/5/2014

CONVERSATION RECORD (continued)

ACTION REQUIRED (Continued from page 1):

3. Regarding the February 17, 2014, amendment request letter, please:

- a. Define the facility boundaries with respect to the cyclotron, and define the step-by-step path of radionuclides from the cyclotron through synthesis, manufacture, packaging, and transfer (e.g., to authorized users as unit or bulk doses, to effluent stream(s), or to other waste, etc.);
- b. Provide special handling procedures (e.g. periodic changeout of apparatus/tubing, monitoring for leaks in delivery lines, periodic checks, and remote handling tools availability/use); and
- c. Describe the dumbwaiter system including whether it is dedicated to specific licensed use(s) and how shielding, security, control, and materials inventory updates are accomplished).

Forster, Sara

From: Forster, Sara
Sent: Friday, September 05, 2014 11:10 AM
To: 'Richard Granberg'
Subject: Additional Information Request for MPI Research, Inc., NRC Lic. No. 21-11315-02
Attachments: 03611.584xxx.21-11315-02 telecon signed.pdf

Dear Mr. Granberg,

See the attached file for additional information needed to complete an amendment to your NRC Lic. No. 21-11315-02, authorizing your previously requested use of accelerator-produced radionuclides. Note that the attached conversation record requests additional information on or before close of business on September 12, 2014.

Additional guidance may be found in NUREG 1556, Vol. 11, "Program Program-Specific Guidance About Licenses of Broad Scope," which may be found at:

<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/v11/>

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.

Sincerely,

Sara A. Forster, Health Physicist Licensing Reviewer
U.S. Nuclear Regulatory Commission - Region III
Division of Nuclear Materials Safety
2443 Warrenville Rd. - Ste. 210
Lisle, IL 60532-4352
sara.forster@nrc.gov
Direct: (630) 829-9892

