

October 19, 2016

Dr. James F. Schweitzer, RSO
Radiological and Environmental
Management
Purdue University
550 Stadium Mall Drive
West Lafayette, IN 47907-2051

SUBJECT: REQUEST AND AMENDMENT 1

Dear Dr. Schweitzer:

This refers to your letter dated June 6, 2016 (Agencywide Documents Access and Management System [ADAMS] Accession Number ML16160A111), which submitted a request for amendment, as well as the response to a Request for Additional Information dated September 1, 2016 (ADAMS Accession No. ML16266A515).

The U.S. Nuclear Regulatory Commission's (NRC's) staff completed its review of the request and has found that it is acceptable.

Pursuant to Part 70 of Title 10 of the *Code of Federal Regulations* (10 CFR), Materials License SNM-142 is hereby amended to include Condition 11.1 as follows:

“11.1 The licensee is authorized to use the enriched helices up to 20 percent enrichment at an off campus broad scope license location for testing of novel radiation detectors.”

Condition 9 has been revised to include the dates of June 6, 2016 and September 1, 2016.

All other conditions of this license shall remain the same.

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J. Schweitzer

2

In accordance with 10 CFR Section 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter and Enclosures 1 and 2 will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. Enclosures 3 and 4 of this letter will be unavailable to the public in accordance with 10 CFR 2.390(d).

If you have any questions, feel free to contact Merritt Baker of my staff at (301) 415-7119, or via e-mail at Merritt.Baker@nrc.gov.

Sincerely,

/RA/

Robert K. Johnson, Chief
Fuel Manufacturing Branch
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-152
License No. SNM-142

Enclosures:

1. Materials License SNM-1107
(Public)
2. Safety Evaluation Report
(Public)
3. Materials License SNM-1107
(Non-public)
4. Safety Evaluation Report (Redacted)
(Non-Public)

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Enclosures:

- 1. Materials License SNM-1107 (Public)
- 2. Safety Evaluation Report (Public)
- 3. Materials License SNM-1107 (Non-public)
- 4. Safety Evaluation Report (Redacted) (Non-Public)

DISTRIBUTION:

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