

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

August 15, 2012

Mr. James F. Schweitzer
Radiation Safety Officer
Purdue University
550 Stadium Mall Drive
West Lafayette, IN 47907

SUBJECT: SNM-142 AMENDMENT 3 TO PACKAGE NATURAL URANIUM AND
1.3 PERCENT ENRICHED URANIUM FUEL RODS FOR SHIPMENT BY
DEPARTMENT OF ENERGY (TAC NO. L33231)

Dear Dr. Schweitzer:

In accordance with your application dated August 6, 2012, and pursuant to Part 70 to Title 10 of the *Code of Federal Regulations* (10 CFR), Materials License SNM-142 is hereby amended to authorize movement and packaging of natural uranium fuel rods and 1.3 percent enriched uranium fuel rods for disposal by the U.S. Department of Energy.

Condition 9 of SNM-142 is revised to add the date of August 6, 2012.

Condition 11 of SNM-142 will remain and apply to the fuel rods and the natural uranium pellets which remain and to read as follows:

11. Notwithstanding Sections 6.0(c) and 9.1(b) of the application dated May 4, 1999, the licensee is required to have NRC's approval by license amendment before using (e.g., moving) the Special Power Excursion Reactor Test fuel rods, Californium sources, or natural uranium pellets.

Enclosed are amended License SNM-142 and the Safety Evaluation Report, which includes the categorical exclusion determination.

Technical Assignment Control Number L33231 is closed.

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

This document contains Official Use Only – Security-Related Information. When separated from Enclosure 3, this document is decontrolled.

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

J. Schweitzer

- 2 -

If you have questions regarding this licensing action, please contact Merritt N. Baker of my staff at 301-492-3128, or via e-mail at Merritt.Baker@nrc.gov.

Sincerely,

/RA/

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

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

Amendment 3

Enclosures:
As stated

This document contains Official Use Only – Security-Related Information. When separated from Enclosure 3, this document is decontrolled.

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

J. Schweitzer

- 2 -

If you have questions regarding this licensing action, please contact Merritt N. Baker of my staff at 301-492-3128, or via e-mail at Merritt.Baker@nrc.gov.

Sincerely,

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

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

Amendment 3

Enclosures:
As stated

This document contains Official Use Only – Security-Related Information. When separated from Enclosure 3, this document is decontrolled.

DISTRIBUTION:

FMB r/f

ML12227A388

***via email**

OFFICE	FCSS/FMB	FCSS/FMB	FCSS/FMB
NAME	MBaker	LAllen*	RJohnson
DATE	08/14/12	08/15/12	08/15/12

OFFICIAL RECORD COPY