

January 22, 2010

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

SUBJECT: SNM-142 AMENDMENT TO MOVE AND PACKAGE NATURAL URANIUM AND
1.3% ENRICHED URANIUM FUEL RODS FOR DISPOSAL BY DEPARTMENT OF
ENERGY (TAC No. L32930)

Dear Dr. Schweitzer,

In accordance with your application dated December 22, 2009, 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% 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 December 22, 2009.

Condition 11 of SNM-142 is revised to delete the fuel rods and the natural uranium pellets 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 approval by license amendment before using (e.g., moving) the SPERT fuel rods or californium sources.

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

If you have questions regarding this licensing action, please contact Mary Adams of my staff at 301-492-3113 or via e-mail at Mary.Adams@nrc.gov.

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J. Schweitzer

- 2 -

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Sincerely,

/RA/

Michael D. Tschiltz, Deputy Director
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

Docket No.: 70-152
License No.: SNM-142
Amendment 2

Enclosures: As stated

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Michael D. Tschiltz, Deputy Director
Fuel Facility Licensing Directorate
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