



License No. SNM-2500	Amendment No. 12
Docket or Reference No. 72-1	

**LICENSE FOR INDEPENDENT STORAGE OF SPENT NUCLEAR  
FUEL AND HIGH-LEVEL RADIOACTIVE WASTE  
SUPPLEMENTARY SHEET**

Table A Authorized materials - instrument, calibration, and laboratory sources

Materials	Chemical and/or Physical Form	Quantity
Radionuclides with atomic numbers ranging from 1 to 83	Solution or calibration disc	Total Aggregate of 5 curies
Cobalt-60	Sealed source	10 curies
Cesium-137	Sealed source	10 curies
Thorium-230	Any	1 millicurie
Neptunium	Any	20 grams
Plutonium	Any	50 grams
Uranium-235 (In uranium of any enrichment)	Any	250 grams
Americium-241	Any	200 FCi
Americium-241	Sealed source	40 curies
Plutonium-Beryllium	Sealed source	2 curies
Uranium-natural	Any	15 kilograms

11. Pursuant to 10 CFR Part 40 the licensee is authorized to possess, store, and transfer a combined quantity of unirradiated natural and unirradiated depleted uranium not to exceed 42 tonnes. This limitation does not include uranium in stored fuel or uranium used in construction of shipping casks. Natural UO<sub>3</sub>, UO<sub>2</sub>, UNH, and UF<sub>6</sub>, used during MFRP testing may be stored in process vessels in the Canyon area or in the site warehouse.
12. No changes shall be made to the Radiological Emergency Plan for Morris Operation, NEDO-31955, which would decrease the effectiveness of the emergency plan without the prior approval of the Commission as evidenced by a license amendment. The license shall maintain implementing procedures for the Radiological Emergency Plan as necessary. The license shall maintain records of changes that are made to the plan without prior approval for a period of two years from the date of the change. Within six months of such change the licensee shall furnish the Director, Office of Nuclear Materials Safety and Safeguards, and the NRC Region III Office and report containing a description of each change.
13. The Technical Specifications contained in Appendix A attached hereto, as revised through Amendment 12, are incorporated into the license. The licensee shall operate the installation in accordance with the Technical Specifications in Appendix A. Appendix A contains Technical Specifications related to Environmental Protection to satisfy the requirements of 10 CFR 72.44(d)(2).
14. The licensee shall follow the physical protection plan entitled "Physical Security Plan for Morris Operation, NEDS-14507," Revision D5, dated April 1995; and as it may be further amended under the provisions of 10 CFR 72.44(e) and 72.180. The requirements of 10 CFR Part 73, Appendix B for guard training and qualification are incorporated in Section 3.4, "Security Force Training and Qualification," of the approved security plan. The requirements of 10 CFR, Part 73, Appendix C, for contingency planning are addressed in Section 9.0 of the physical security plan.

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15. This license is effective as of the date of issuance shown below.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

John Monninger, Chief  
Licensing Section  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards  
Washington, DC 20555

Date of Issuance: May 4, 1982

As amended by Amendment 12 dated December 21, 2004

