

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

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter 1, Part 72, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, and possess the power reactor spent fuel and other radioactive materials associated with spent fuel storage designated below; to use such material for the purpose(s) and at the place(s) designated below; and to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified herein.

Licensee	
1. Northern States Power Company ² Nuclear Management Company, LLC ¹	3. License No. SNM-2506
	Amendment No. 5
2. 414 Nicollet Mall Minneapolis, Minnesota 55410	4. Expiration Date October 31, 2013
	5. Docket or Reference No. 72-10

6. Byproduct, Source, and/or Special Nuclear Material	7. Chemical and/or Physical Form	8. Maximum Amount That Licensee May Possess at Any One Time Under This License
A. Spent fuel assemblies from Prairie Island Nuclear Station Units 1 and 2 reactors, using natural water for cooling and enriched not greater than 3.85 percent U-235, and associated radioactive materials related to receipt, storage and transfer of the fuel assemblies	A. As UO ₂ clad with zirconium or zirconium alloys	A. 715.29 TeU of spent fuel assemblies
B. Irradiated fuel assembly inserts from the Prairie Island Nuclear Station Units 1 and 2 reactor. An insert may be a burnable poison rod assembly (BPRA) or a thimble plug device (TPD).	B. SS 304 structure, Inconel 718 spring, and borated pyrex glass.	B. One BPRA or TPD per spent fuel assembly.

¹ Nuclear Management Company, LLC, hereinafter referred to as NMC, succeeds Northern States Power Company as operator of the Prairie Island Independent Spent Fuel Storage Installation. Consequently, NMC is authorized to act as agent for Northern States Power Company and has exclusive responsibility and control over physical construction, operation, and maintenance of the facility.

² Northern States Power Company was incorporated in Minnesota as a wholly owned subsidiary of Xcel Energy, Inc., effective August 18, 2000. This license, as amended, was amended effective this date to reflect the Commission's consent per 10 CFR Part 72, Section 72.50, to the license transfer approved by order dated May 12, 2000.