

## 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. Portland General Electric Company, with  
Eugene Water and Electric Board and  
PacifiCorp

3. License No. SNM-2509

Amendment No. 6

Renewed on August 9, 2019

2. Portland General Electric Company  
71760 Columbia River Highway  
Rainier, Oregon 97048

4. Expiration Date March 31, 2059

5. Docket or  
Reference No. 72-17

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 from Trojan  
Nuclear Plant and  
associated radioactive  
materials related to receipt,  
storage, and transfer of the  
fuel assemblies

A. Spent fuel assemblies and  
damaged fuel  
assemblies as  $\text{UO}_2$   
clad with Zircaloy-4.  
Fuel debris as  $\text{UO}_2$   
contained in Failed Fuel  
Cans or Damaged Fuel  
Containers

A. 344.5 MTU of intact  
spent fuel assemblies,  
damaged fuel  
assemblies, and fuel  
debris.

9. Authorized Use: The material identified in 6.A. and 7.A above is authorized for receipt, possession, storage in the Trojan Storage System, and transfer as described in the approved Trojan ISFSI Safety Analysis Report (SAR), as supplemented and amended in accordance with 10 CFR 72.70 and 10 CFR 72.48.

10. Authorized Place of Use: The licensed material is to be received, possessed, transferred, and stored at the Trojan ISFSI located on the Portland General Electric Company site in Columbia County, Oregon, near Rainier, Oregon.

**LICENSE FOR INDEPENDENT STORAGE OF SPENT NUCLEAR  
FUEL AND HIGH-LEVEL RADIOACTIVE WASTE  
SUPPLEMENTARY SHEET**License No.  
SNM-2509Amendment No.  
6Docket or Reference No.  
72-17

Renewed

11. The Technical Specifications contained in Appendix A attached hereto 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).
12. The licensee shall follow the physical protection plan entitled "Trojan ISFSI Security Plan," dated March 26, 1996 and Revision 1, dated January 8, 1999; and as it may be further amended under the provisions of 10 CFR Parts 72.44(e) and 72.180. The requirements of 10 CFR Part 73, Appendix B for guard training and qualification are incorporated in Appendix C of the approved security plan. The requirements of 10 CFR, Part 73, Appendix C, for contingency planning are addressed in Chapter 1.9 of the physical security plan.
13. Within 90 days of the issuance of renewed license, the licensee shall submit an updated Trojan ISFSI Safety Analysis Report (SAR) to the Commission and continue to update the SAR pursuant to the requirements in 10 CFR 72.70(b) and (c). The updated SAR shall include the proposed revisions as documented in Appendix G in Enclosure 2 of the January 23, 2019, response to NRC's Request for Additional Information (ADAMS Accession No. ML19028A411). The licensee may make changes to the SAR consistent with 10 CFR 72.48(c).  
  
The SAR Update must also include the following text, to be added to the last paragraph in Section 9.7.8.4 Aging Management Programs: "However, for the Transfer Cask AMP and Transfer Station AMP, consistent with the timing stated in the LRA, the first inspection will occur prior to the first use of the transfer cask and transfer station, respectively."
14. Within one year after the renewed license effective date, the licensee shall revise or create a document that defines the implementation of the Aging Management Program (AMP) as described in the proposed SAR update, as documented in Appendix G in Enclosure 2 of the January 23, 2019, response to NRC's Request for Additional Information. The document shall have sufficient detail to enable the development of comprehensive AMP procedures. The document shall contain a reference to the specific AMP provision(s) that the document is intended to implement. The reference shall be maintained even if the document is modified. The licensee shall maintain the document and any specific procedures for implementing the AMP throughout the term of this license.
15. This license is effective as of the date of issuance shown below.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Meraj Rahimi, Chief  
 Materials and Structural Branch  
 Division of Fuel Management  
 Office of Nuclear Material Safety  
 and Safeguards  
 Washington, DC 20555

Date of Issuance: March 31, 1999

Renewed License: Dated August 9, 2019.

Attachment: Appendix - Technical Specifications