

## 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.

This license is conditioned upon fulfilling the requirements of 10 CFR Part 72, as applicable, the attached Appendix A (Technical Specifications), and the conditions specified below.

Licensee

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| 1. Interim Storage Partners LLC (ISP)   | 3. License No. SNM-2515<br>Amendment No. 0   |  |
| 2. WCS CISF<br>9998 Highway 176 West<br>Andrews, Texas, 79714   | 4. Expiration Date September 13, 2061<br>5. Docket or Reference No. 72-1050  |  |
| 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 nuclear fuel elements from commercial nuclear utilities licensed pursuant to 10 CFR Part 50, including those stored under either a Part 50 general license or Part 72 specific license, and associated fuel assembly control components and associated radioactive materials related to the receipt, transfer, and storage of that spent nuclear fuel. | A. Intact fuel assemblies, damaged fuel assemblies, failed fuel and fuel debris, as allowed by Materials License SNM-2510, Amendment 4; Table 1-1c or Table 1-1j of Certificate of Compliance No. 1004, Amendments 3 through 13; Table 1-1t of Certificate of Compliance No. 1004, Amendments 10 through 13; Section 2.1 of Certificate of Compliance No. 1029, Amendments 0, 1, and 3; Section B 2.1 of Certificate of Compliance No. 1025, Amendments 0 through 6; Section B 2.1.2 of Certificate of Compliance No. 1015, Amendments 0 through 5; Table B 2-1 of Certificate of Compliance No. 1031, Amendments 0 through 3 Revision 1, and 4 through 5, modified as described in Condition 9 below. | A. 5,000 Metric Tons (MT) total of Uranium and Mixed-Oxide (MOX) in the form of intact spent fuel assemblies, damaged fuel assemblies, failed fuel assemblies, and fuel debris. In addition, the cumulative amount of material received and accepted during the licensed term of the facility may not exceed 5,000 MT of Uranium plus MOX. |
| B. Greater than Class C Waste, reactor related material generated as a result of plant operations and decommissioning where radionuclide concentration limits of Class C waste in 10 CFR 61.55 are exceeded.  | B. Greater than Class C Waste, as activated and potentially surface contaminated metals comprised of miscellaneous solid waste resulting from segmentation and decommissioning processes.  | B. 231.3 MT (510,000 pounds) of Greater than Class C Waste.  |

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9. Authorized Use: The material identified in 6.A, 6.B, 7.A and 7.B above is authorized for receipt, possession, storage, and transfer at the WCS Consolidated Interim Storage Facility (WCS CISF), as described in the WCS CISF Final Safety Analysis Report (FSAR) as updated. Storage of fuel is authorized only in canisters referenced in Section 2.1 of the Attachment, Appendix A Technical Specifications and all fuel with assembly average burnup greater than 45 GWd/MTHM shall be canned inside the canister.
10. Authorized Place of Use: The licensed material is to be received, possessed, transferred, and stored at the WCS CISF, geographically located within Andrews County, Texas.
11. The Technical Specifications contained in the Appendix attached hereto are incorporated into the license. The Licensee shall operate the installation in accordance with the Technical Specifications in the Appendix.
12. The licensee shall follow WCS ERP-100, "Consolidated Emergency Response Plan," Revision 02-08-2019, and as it may be further revised in accordance with 10 CFR 72.44(f).
13. The Licensee shall:
- (1) follow the Physical Protection Plan entitled, "WCS Consolidated Interim Storage Facility (CISF) Physical Security Plan," Revision 5, dated September 18, 2019, as well as changes made in accordance with 10 CFR 72.44(e) and 72.186(b);
  - (2) follow the Training and Qualification Plan entitled, "WCS Consolidated Interim Storage Facility (CISF) Training and Qualification Plan Appendix B to the CISF Physical Security Plan," dated September 18, 2019, as well as changes made in accordance with 10 CFR 72.44(e) and 72.186(b);
  - (3) follow the Safeguards Contingency Plan entitled "WCS Consolidated Interim Storage Facility (CISF) Safeguards Contingency Plan Appendix C to the CISF Physical Security Plan," dated September 18, 2019, as well as changes made in accordance with 10 CFR 72.44(e) and 72.186(b);
  - (4) follow the "Additional Security Measures for the Physical Protection of Dry Independent Spent Fuel Storage Installations," dated September 28, 2007; and
  - (5) follow the "Additional Security Measures for Access Authorization and Fingerprinting at Independent Spent Fuel Storage Installations," dated December 19, 2007.
14. Construction of the WCS CISF shall not commence before funding (equity, revenue, and debt) is fully committed that is adequate to construct a facility with the initial capacity as specified by the Licensee to the NRC. Construction of any additional capacity beyond the initial capacity amount shall commence only after funding is fully committed that is adequate to construct such additional capacity.
15. The Licensee shall, in its contracts with clients:
- (1) include provisions requiring clients to retain title to the material identified in 6.A, 6.B, 7.A or 7.B, and include provisions allocating legal and financial liability among the Licensee and the client(s);
  - (2) include provisions requiring clients to periodically provide credit information, and, when necessary, additional financial assurances such as guarantees, prepayment, or payment bond(s);
  - (3) include a provision requiring the Licensee not to terminate the license prior to furnishing storage services covered by the contract.
16. The Licensee shall obtain onsite and offsite insurance coverage in the amounts committed to by ISP in the ISP license application.

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17. To conform with the requirements of 10 CFR 72.42, the Licensee shall submit a request for license amendment(s) to incorporate any technically applicable provisions of the Aging Management Programs (AMPs) and Time-Limited Aging Analyses (TLAAs) approved in future renewals of NAC Systems CoCs 1015 and 1025 and 1031, for all applicable NAC spent fuel canisters and storage overpacks.

The Licensee shall submit the amendment request(s) within 120 days of the effective date of the applicable CoC approval. In the event that the current CoC holder for CoC 1015 and/or 1025 and/or 1031 does not submit a timely renewal as defined in 10 CFR Part 72.240, the Licensee shall submit a license amendment request, incorporating AMP and TLAA information compliant with 10 CFR 72.42, within one (1) year following the timely renewal deadline defined in 10 CFR 72.240(b) for the applicable CoC.

18. The Licensee shall submit a startup plan as described in Chapter 13 of the WCS CISF FSAR, as updated, to the NRC at least 90 days prior to receipt and storage of the material identified in 6.A, 6.B, 7.A or 7.B at the facility.
19. Prior to commencement of operations, the Licensee shall have an executed contract with the U.S. Department of Energy (DOE) or other SNF Title Holder(s) stipulating that the DOE or the other SNF Title Holder(s) is/are responsible for funding operations required for storing the material identified in 6.A, 6.B, 7.A or 7.B at the CISF as licensed by the U.S. Nuclear Regulatory Commission.
20. Prior to receipt of the material identified in 6.A, 6.B, 7.A or 7.B, the Licensee shall have a financial assurance instrument required pursuant to 10 CFR 72.30 acceptable to the U.S. Nuclear Regulatory Commission.
21. This license is effective as of the date of issuance shown below.

FOR THE NUCLEAR REGULATORY COMMISSION

Shana R. Helton, Director  
Division of Spent Fuel Management  
Office of Nuclear Material  
Safety and Safeguards

Date of Issuance September 13, 2021

Attachments: Appendix A –WCS Consolidated Interim Storage Facility Technical Specifications