



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION REPORT

Docket No. 72-1
GE Hitachi Nuclear Energy Americas, LLC
GE Morris Operation Independent Spent Fuel Storage Installation
Renewed Materials License No. SNM-2500
Amendment No. 15

Summary

This safety evaluation report (SER) documents the review and evaluation of an amendment request for Special Nuclear Materials License No. 2500 (SNM-2500) for the GE-Hitachi Morris Operation (GEMO) Independent Spent Fuel Storage Installation (ISFSI). By letter dated February 15, 2017 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17046A072, as supplemented March 9, 2017, ADAMS Accession No. ML17072A381, as supplemented June 6, 2017, ADAMS Accession No. ML17157B369), GE-Hitachi Nuclear Energy Americas LLC (GEH) submitted a request for a license amendment to the U.S. Nuclear Regulatory Commission (NRC) in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 72.56, "Application for amendment of license." The requested amendment would change Sections 6 A. and 7 A. of GEMO's Materials License to clarify that activation products are authorized to be stored on site. The proposed changes add descriptions of authorized materials and physical forms currently onsite and described in the GEMO Consolidated Safety Analysis Report Sections in 1.4.1, 5.5.2.2, 7.3.2.2, and Appendix B.23, Section B.23.2. The application included acceptable justification for the proposed changes.

The NRC staff (staff) has reviewed the application, including the justifications for the proposed changes. As discussed below, based on the statements and representations in the application, the staff agrees that the proposed changes will not have an adverse effect on public health and safety, or the environment, and finds that the proposed changes are acceptable.

Discussion

In January 2017, GEH identified that the Materials License SNM-2500 did not specify the on-site storage of activation products in the form of liquid and solid waste products. The GE Morris Operational Consolidated Safety Analysis Report (CSAR) provides details of approved storage in Sections 1.4.1, 5.5.2.2, 7.3.2.2, and Appendix B.23, Section B.23.2.

Staff Safety Assessment: The staff finds that the proposed changes are administrative and only provide further clarification of allowance of storage of the activation products. There will be no physical changes to the GEMO Independent Spent Fuel Storage Installation as a result of the proposed changes. There will be no procedure revisions that affect operation, maintenance, or performance of surveillance on the facility as a result of the proposed changes. The proposed changes have no impact on the safety of the facility.

Staff Environmental Impact Consideration: The staff has reviewed the proposed amendment and has concluded that the request is eligible for a categorical exclusion from the requirement to prepare an environmental assessment or an environmental impact statement in accordance

with 10 CFR 51.22(c)(10)(v). The basis for this conclusion is that the request will involve issuance of an amendment to an ISFSI license pursuant to 10 CFR Part 72 that only provides clarification in the materials license of the facility.

The staff has reviewed the changes proposed by this amendment request, the justification provided by the licensee, and the referenced documents and determined that the proposed changes will not affect the design, operation, maintenance, or surveillance of the ISFSI. The staff considered the amendment's potential impact on the health and safety of the public. The staff finds that this license amendment does not involve any changes in the scope or type of operations presently authorized by the license. The staff agrees with the applicant's assessment that the proposed changes are administrative in nature and will not impact the safety of the ISFSI.

Conclusion

The staff concludes that the proposed change to the GEMO ISFSI License Technical Specifications does not alter the prior staff conclusions and findings made in support of the granting of the license, and will not impact the public health and safety. Based on the information provided in the application, the staff concludes that SNM-2500, as amended, meets the requirements of 10 CFR Part 72.

Date: June 29, 2017