



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

September 27, 2021

Mr. Anthony E. McFadden
Site Manager
GE-Hitachi Nuclear Energy
7555 East Collins Road
Morris, IL 60450

SUBJECT: GE-HITACHI MORRIS (GEHMO) INDEPENDENT SPENT FUEL STORAGE
INSTALLATION – NRC SECURITY INSPECTION REPORT 07200001/2021401

Dear Mr. McFadden:

On September 2, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at the GE-Hitachi Morris (GEHMO) Independent Spent Fuel Storage Installation (ISFSI) and discussed the results of this inspection with you and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

A handwritten signature in black ink, appearing to read "S. Orth".

Signed by Orth, Steven
on 09/27/21

Steven K. Orth, Chief
Plant Support Branch
Division of Reactor Safety

Docket No. 07200001
License No. SMB-2500

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to Anthony E. McFadden from Steven K. Orth dated September 27, 2021.

SUBJECT: GE-HITACHI MORRIS (GEHMO) INDEPENDENT SPENT FUEL STORAGE
INSTALLATION – NRC SECURITY INSPECTION REPORT 07200001/2021401

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Number: 07200001

License Number: SMB-2500

Report Number: 07200001/2021401

Enterprise Identifier: I-2021-401-0147

Licensee: GE-Hitachi Nuclear Energy

Facility: GE-Hitachi Morris (GEHMO) - ISFSI

Location: Morris, IL

Inspection Dates: August 31, 2021 to September 02, 2021

Inspectors: G. Bonano, Physical Security Inspector

Approved By: Steven K. Orth, Chief
Plant Support Branch
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security inspection of the Physical Protection Program for the Independent Spent Fuel Storage Installation (ISFSI) at GE Hitachi Morris (GEHMO), in accordance with the Spent Fuel Storage Oversight Process. The Spent Fuel Storage Oversight Process is the NRC's program for overseeing the safe storage of spent nuclear fuel. Refer to <https://www.nrc.gov/waste/spent-fuel-storage/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Inspection was conducted using the appropriate portions of the Inspection Procedure (IP) 81311, "Physical Security Requirements for Independent Spent Fuel Storage Installations." The procedure was declared complete when the inspection procedure requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2690, "Inspection Program for Dry Storage of Spent Reactor Fuel at Independent Spent Fuel Storage Installations And for 10 CFR Part 71 Transportation Packagings." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), inspectors were directed to begin telework. In addition, regional baseline inspections were evaluated to determine if all or a portion of the objectives and requirements stated in the IP could be performed remotely. If the inspections could be performed remotely, they were conducted per the applicable IP. In some cases, portions of an IP were completed remotely and on site. The inspections documented below met the objectives and requirements for completion of the IP.

ISFSI Security

81311 - Physical Security Requirements for Independent Spent Fuel Storage Installations

The inspector evaluated the Physical Protection Program for the Independent Spent Fuel Storage Installation. In addition, the inspector also evaluated the Physical Protection of Category 2 Quantities of Radioactive Material incorporated within the licensee's ISFSI Part 73 security plans and procedures. The following elements were evaluated:

Physical Security Requirements for Independent Spent Fuel Storage Installations (1 Sample)

- (1) 02.02 (a - y)

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On September 2, 2021, the inspectors presented the independent spent fuel storage installation security inspection results to Anthony E. McFadden and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
81311	Miscellaneous	EA-02-078	Issuance of Order for Interim Safeguards and Security Compensatory Measures for GE Morris Operation	
		EA-03-097	Additional Security Measures for Access Authorization at Independent Spent Fuel Storage Installations in the Current Threat Environment	
		EA-06-298	Issuance of Order Imposing Fingerprinting and Criminal History Check Requirements for Access to Safeguards Information for GE Morris Operation Independent Spent Fuel Storage Installation	
		EA-07-124	Issuance of Order Imposing Fingerprinting and Criminal History Check Requirements for Unescorted Access to GE Morris Operation	
		NEDE-32441	Security Policy & Procedure Manual	10
		NEDS-14507-D9	Physical Security Plan for Morris Operation	02/2017
		PM 21-001	GEH Morris/Grundy County Sheriff Support; Letter of Agreement	01/07/2021
	Procedures		Basin/Part 37 Access List; Feb/2019 to Aug/2021	152
		MOI-233	Situation Plan; Sec 22 - Response to Security Incidents	24
		QR-15	Basin Area Alarm Testing Procedure	08/31/2016
	Self-Assessments		Part 37 - RAMQC 2020	07/06/2020
			NucProg 2020-05	11/20/2020
		MOR-2019-04	Focused Self-Assessment Report	11/2019
		MOR-2020-04	Focused Self-Assessment Report	12/2020
		NOS-2019-31	Part 73.51 & Part 37	12/20/2019