



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

November 27, 2023

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 07200001/2023401

Dear Anthony McFadden:

On November 8, 2023, 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 "Michael E. Ziolkowski".

Signed by Ziolkowski, Michael  
on 11/27/23

Michael E. Ziolkowski, Chief  
Security, Emergency Preparedness, and Incident  
Response Branch  
Division of Radiological Safety and Security

Docket No. 07200001  
License No. SMB-2500

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to Anthony E. McFadden from Michael E. Ziolkowski dated November 27, 2023.

SUBJECT: GE-HITACHI MORRIS (GEHMO) INDEPENDENT SPENT FUEL STORAGE  
INSTALLATION – NRC SECURITY INSPECTION REPORT 07200001/2023401

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DATE	11/27/2023	11/27/2023	11/27/2023		

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

Docket Number: 07200001

License Number: SMB-2500

Report Number: 07200001/2023401

Enterprise Identifier: I-2023-401-0088

Licensee: GE-Hitachi Nuclear Energy

Facility: GE-Hitachi Morris (GEHMO) – ISFSI

Location: Morris, IL

Inspection Dates: November 07, 2023 to November 08, 2023

Inspectors: G. Bonano, Physical Security Inspector  
K. Maloney, Physical Security Inspector

Approved By: Michael E. Ziolkowski, Chief  
Security, Emergency Preparedness, and Incident  
Response Branch  
Division of Radiological Safety and Security

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting an Independent Spent Fuel Storage Installation (ISFSI) security inspection 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**

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP 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 Packaging." The inspector 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.

## **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. The following elements were evaluated for this specific licensed ISFSI:

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

- (1) 02.09 (a - z)

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On November 8, 2023, the inspectors presented the ISFSI 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		GEHMO Self-Assessment	12/14/2022
			NRC Acknowledgement of Official Reviewer	04/16/2007 and 04/25/2016
			LLEA LOA - Grundy County Sheriff's Office	01/16/2023 and 01/12/2022
			Approved Unescorted Access to the Basin, Basin Pump Room, Basin Pump Room Ext, Chiller Room, and Part 37 Material 30 Day Reviews	2022-2023
		EA-03-097	Issuance of Order for Implementation of Additional Security Measures Associated with Access Authorization for GE Morris Operating Plant	08/18/2004
		EA-06-298	Issuance of Order Imposing Fingerprinting and Criminal History Check Requirements for Access to Safeguards Information for GE Morris Operation ISFSI	02/23/2007
		EA-07-124	Issuance of Order Imposing Fingerprinting and Criminal History Check Requirements for Unescorted Access to GE Morris Operation	05/29/2007
		NucPgms-SPO-2021-01	GEH Assessment	12/06-09/2021
		Procedures	NEDE-32441	Security Policy & Procedures Manual
	NEDS-14507-D9		PSP for Morris Operation	02/16/2017