



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

July 29, 2021

Mr. Darrell Corbin  
Vice President, Operations  
Entergy Nuclear Operations, Inc.  
Palisades Nuclear Plant  
27780 Blue Star Memorial Highway  
Covert, MI 49043-9530

SUBJECT: BIG ROCK POINT – INDEPENDENT SPENT FUEL STORAGE INSTALLATION  
SECURITY INSPECTION REPORT 07200043/2021401

Dear Mr. Corbin:

On July 1, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Big Rock Point and discussed the results of this inspection with Mr. Otto Gustafson, Director, Regulatory and Performance Improvement 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 07/29/21

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

Docket No. 07200043

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV®  
T. Horan, Project Manager

Letter to Darrell Corbin from Steven K. Orth dated July 29, 2021.

SUBJECT: BIG ROCK POINT – INDEPENDENT SPENT FUEL STORAGE INSTALLATION  
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**U.S. NUCLEAR REGULATORY COMMISSION  
Inspection Report**

Docket Number: 07200043

License Number: General License (ISFSI)

Report Number: 07200043/2021401

Enterprise Identifier: I-2021-401-0138

Licensee: Entergy Nuclear Operations, Inc.

Facility: Big Rock Point

Location: Charlevoix, MI

Inspection Dates: April 12, 2021 to July 01, 2021

Inspectors: G. Bonano, Physical Security Inspector  
J. Kutlesa, 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 an inspection of the Physical Protection Program for the Independent Spent Fuel Storage Installation, 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 inspectors evaluated the Physical Protection Program for the Independent Spent Fuel Storage Installation. The following elements were completed:

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

- (1) 02.01 (a-f)

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On July 1, 2021, the inspectors presented the independent spent fuel storage installation security inspection results to Mr. Otto Gustafson, Director, Regulatory and Performance Improvement and other members of the licensee staff.

## DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
81311	Miscellaneous		ISFSI Security Systems Maintenance Log Weekly Testing	2018 - 2021
81311	Miscellaneous		Security Officer Individual Qualification Record (6 Records Reviewed)	2018 - 2019
81311	Miscellaneous		Reviewing Official Designation	04/13/2020
81311	Miscellaneous		Response Agreement with State of Michigan, Dept. of State Police, Lansing	09/14/2020
81311	Miscellaneous		Response Agreement with Office of the Sheriff, Charlevoix County	05/03/2017
81311	Miscellaneous		Big Rock Point Independent Spent Fuel Storage Installation (ISFSI) Authorization Unescorted Personnel List	03/30/2021
81311	Miscellaneous		Entergy BRP Security Event Log	2018 - 2021
81311	Miscellaneous		Weapon Maintenance Log	Jan-Jun, 2021
81311	Miscellaneous	EA-02-104	Interim Compensatory Measures (ICM)	10/16/2002
81311	Miscellaneous	EA-03-097	Additional Security Measures (ASM) for Access Authorization at ISFSIs in the Current Threat Environment	08/18/2004
81311	Miscellaneous	Volume 7F	ISFSI Security Plan	7
81311	Miscellaneous	Volume 7G	ISFSI Security Implementing Procedures	9
81311	Procedures	D2.3.7	Site Security	5
81311	Procedures	WI-PRO-I-01	Maintenance Work Instruction - Inspection of ISFSI UPS Battery Supplies	0
81311	Procedures	WI-PRO-I-02	Work Instruction - ISFSI Alarm Test	2
81311	Procedures	WI-PRO-I-03	Maintenance Work Instruction - Inspection of ISFSI Security Cameras	3
81311	Procedures	WI-PRO-I-04	Maintenance Work Instruction - ISFSI Microwave Readings	1
81311	Procedures	WI-PRO-M-03	Maintenance Work Instruction - ISFSI Generator Quarterly Load Test	4
81311	Self-Assessments		2020 Security Self-Assessment - BRP	03/31/2020
81311	Self-Assessments	QA-3-7-9-14-16-18-2019-BRP-1	Quality Assurance Audit Report	11/26/2019