



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

January 23, 2023

Terry Brown
Site Vice President
Energy Harbor Nuclear Corp.
Davis-Besse Nuclear Power Station
5501 N. State Rte. 2, Mail Stop A-DB-3080
Oak Harbor, OH 43449-9760

SUBJECT: DAVIS-BESSE NUCLEAR POWER STATION – SECURITY BASELINE
INSPECTION REPORT 05000346/2022403

Dear Terry Brown:

On December 31, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Davis-Besse Nuclear Power Station. On January 12, 2023, the NRC inspectors 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 01/23/23

Steven K. Orth, Chief
Security, Emergency Preparedness, & Incident
Response Branch
Division of Radiological Safety and Security

Docket No. 05000346
License No. NPF-3

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to T. Brown from S. Orth dated January 23, 2023.

SUBJECT: DAVIS-BESSE NUCLEAR POWER STATION – SECURITY BASELINE
INSPECTION REPORT 05000346/2022403

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

Docket Number: 05000346

License Number: NPF-3

Report Number: 05000346/2022403

Enterprise Identifier: I-2022-403-0035

Licensee: Energy Harbor Nuclear Corp.

Facility: Davis-Besse Nuclear Power Station

Location: Oak Harbor, OH

Inspection Dates: November 01, 2022 to December 31, 2022

Inspectors: N. Egan, Sr Physical Security Inspector
M. Ziolkowski, Sr Physical Security Inspector

Approved By: Steven K. Orth, Chief
Security, Emergency Preparedness & 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 a security baseline inspection at Davis-Besse Nuclear Power Station, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/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 (IMC) 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." 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.

SAFEGUARDS

71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program. The following elements were evaluated:

Equipment Performance, Testing, and Maintenance (1 Sample)

- (1)
 - Tier I: All requirements
 - Tier II: 02.09 (a), 02.11 (c-d), 02.13 (a)
 - Tier III: 02.15 (a-b)

71130.09 - Security Plan Changes

The inspectors evaluated the security plan changes through completion of the following procedure elements:

Security Plan Changes (1 Partial)

- (1) (Partial)
The opportunity to apply this procedure was not available in accordance with Inspection Manual Chapter 0306. This sample was not available because the licensee did not conduct the activity covered by this IP. Specifically, the licensee has not initiated a physical security plan change in accordance with Title 10 of the Code of Federal Regulations, Part 50.54(p)(2) since the implementation of this IP.

71130.14 - Review of Power Reactor Target Sets

The inspectors evaluated the Security Target Set Program. The following elements were evaluated:

Review of Power Reactor Target Sets (1 Sample)

- (1) 02.02 (a-d); 02.03; 02.04; (a-b); 02.05

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

- (1) September 1, 2021 through September 1, 2022

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On January 12, 2023, the inspectors presented the security baseline inspection results to Terry Brown and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.04	Corrective Action Documents Resulting from Inspection	CR-2022-08837	NRC Equipment Inspection - Weekly Performance Testing	11/17/2022
		CR-2022-08838	NRC Equipment Inspection: Early Warning System	11/17/2022
	Procedures	IS-DP-004001	Operational Test for Walk-Through Metal Detector	06
		IS-DP-004002	Performance Test for the Walk-Through Metal Detector	09
		IS-DP-004003	Performance Test for the X-Ray Device	11
		IS-DP-004005	Performance and Operational Test for the Walk-Through Explosive Detector	12
		IS-DP-004011	Inspection of the Passive Vehicle Barrier System	09
		IS-DP-00501	Testing and Maintenance of Security Systems	17
		IS-DP-00503	Security Communications	11
		IS-DP-00513	Weapons Program	16
		IS-DP-04013	Quarterly Testing of the Hand Geometry Readers and the Red "Hot" Buttons	10
		IS-DP-04016	Semi-Automatic Rifle Inspection	04
		IS-DP-04018	Operability Testing of X-Ray Devices	01
		IS-DP-04021	Performance and Operability Testing of Itemizer	01
		IS-DP-04907	Intrusion Detection Equipment	14
		IS-DP-04917	Weekly IDS and Active VBS Operability Testing	21
		IS-DP-04920	Nuclear Security Weekly Operability Testing	23
		IS-DP-04922	Quarterly Testing of Security Alarms and Tamperers	20
		IS-DP-04931	ROCA Intrusion Detection Equipment	06
		IS-DP-04933	Annual ROCA Alarms and Tamperers Test	04
IS-DP-04934	Monthly ROCA Operability Test	07		
	Work Orders	DB-ME4001-001	SB Capacity Test Battery SB Capacity Test	10/31/2018
71130.09	Miscellaneous		Physical Security Plan, Training and Qualification Plan, and Safeguards Contingency Plan, for the Davis-Besse Nuclear Power Station	24
71130.14	Corrective Action Documents Resulting from	CR-2022-08831	NRC Target Set Inspection	11/17/2022

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Inspection			
	Miscellaneous		Davis Besse Target Set Manual	05
	Procedures	NOP-1101-05	Security Periodic Review, Target Set Manual	12/08/2021
		NOP-CC-204	Design Interface Reviews and Evaluations	12
		NOP-LP-1106	Target Set Programs	04
Self-Assessments	ATA-2022-17779	NRC Inspection 71130.14, Davis Besse Target Set Inspection	11/08/2022	