



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

April 27, 2022

Mr. Paul Hansen
Decommissioning Director
NextEra Energy Duane Arnold, LLC
3277 DAEC Road
Palo, IA 52324-9785

SUBJECT: DUANE ARNOLD ENERGY CENTER – DECOMMISSIONING SECURITY
INSPECTION REPORT 05000331/2022401

Dear Mr. Hansen:

On April 7, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at Duane Arnold Energy Center Decommissioning Reactor 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 04/27/22

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

Docket No. 05000331
License No. DPR-49

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to Paul Hansen from Steven K. Orth dated April 27, 2022.

SUBJECT: DUANE ARNOLD ENERGY CENTER – DECOMMISSIONING SECURITY
INSPECTION REPORT 05000331/2022401

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

Docket Number: 05000331

License Number: DPR-49

Report Number: 05000331/2022401

Enterprise Identifier: I-2022-401-0072

Licensee: NextEra Energy Duane Arnold, LLC

Facility: Duane Arnold Energy Center Decommissioning Reactor

Location: Palo, IA

Inspection Dates: April 04, 2022 to April 07, 2022

Inspector: 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 decommissioning security inspection at Duane Arnold Energy Center Decommissioning Reactor, in accordance with the Decommissioning Reactor Oversight Process. The Decommissioning Reactor Oversight Process is the NRC's program for overseeing the safe decommissioning of commercial nuclear power reactors. Refer to <https://www.nrc.gov/waste/decommissioning.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

Unless otherwise noted, decommissioning security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity, were met consistent with Inspection Manual Chapter 2202, "Security Inspection Program for Decommissioning Nuclear Power Reactors." Publicly available IPs are located at: <https://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. 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.

DECOMMISSIONING SECURITY REQUIREMENTS

81200.02 - Access Control for Decommissioning Nuclear Power Reactors

The inspector evaluated the security access control program for decommissioning nuclear power reactors through completion of the following procedure elements:

Access Control for Decommissioning Nuclear Power Reactors (1 Sample)

- (1) 02.01 a, b, c, d, e; 02.02 c, d, e, i; 02.03 a, b, c, d, g; 02.04 a, b; 02.05

81200.04 - Equipment Performance, Testing, and Maintenance for Decommissioning Nuclear Power Reactors

The inspector evaluated the security equipment testing and maintenance program for decommissioning nuclear power reactors. The completion of these elements combined with the completion of elements documented in report 05000331/2021402, dated December 30, 2021, constitute one complete sample.

Equipment Performance, Testing, and Maintenance for Decommissioning Nuclear Power Reactors (1 Sample)

- (1) 02.02 b, c, g, i; 02.03 b, c; 02.04 b, c, f; 02.05 b, c; 02.06 b, c; 02.07 f; 02.08 e

81200.07 - Security Training for Decommissioning Nuclear Power Reactors

The inspector evaluated the security training program for decommissioning nuclear power reactors. The completion of these elements combined with the completion of elements documented in report 05000331/2021402, dated December 30, 2021, constitute one complete sample.

Security Training for Decommissioning Nuclear Power Reactors (1 Sample)

- (1) 02.02 e; 02.03 c; 02.04 b; 02.06 b; 02.08 a; 02.12 b; 02.14 a

81200.09 - Security Plan Changes for Decommissioning Power Reactors

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

Security Plan Changes for Decommissioning Power Reactors (1 Partial)

(1) (Partial)

The opportunity to apply this procedure was not available in accordance with Inspection Manual Chapter 2202 for decommissioning nuclear power reactors. 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 last inspection.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On April 7, 2022, the inspector presented the Decommissioning Security Inspection results to Paul Hansen and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
81200.02	Miscellaneous	AR No: 02413538	SEL 21-061 Was the Result of Contraband Observed at Ingress	12/11/2021
		PDA 21-001	First Quarter 2021 Security Audit	03/09/2021
	Procedures	CP-12	Responsibility Matrix	4
		SP-5	Vehicle Access Control	43
		SP-9	Locks, Keys	47
		SY-AA-102-1021	Conduct of Personnel Searches	14
		SY-AA-102-1022	Vehicle & Material Searches	13
81200.04	Miscellaneous	AR No: 02405331	SEL-#21-049 Security Condition: Code Gray PAB Power Failure	09/27/2021
	Procedures	SD-18	Vital and Protected Area Portal Testing	37
		SP-8	Testing & Maintenance Requirement for Security Equipment	61
		SY-AA-102-1025	Weapons Maintenance	7
81200.07	Miscellaneous		DAEC Annual Armed Security Officer Written Test (02/24/2022)	31
		DP-2	DAEC Physical Agility Policy	3
	Procedures	SY-AA-102-1008	Security Drills & Exercises	15
81200.09	Miscellaneous		NextEra Energy DAEC LLC PSP, T&QP, SCP, and ISFSI Security Program (02/08/2022)	D1
		EPID L-2020-LLA-0236	DAEC - Issuance of Amendment #315 to Renewed Facility License Operating to Implement the Defueled Physical Security Plan	02/03/2022
		EPID L-2020-LLA-0236	SER by the Office of NSIR related to the license amendment for DAEC PSP, T&QP and the SCP; Revision D1b for the minimum # of armed responders.	02/03/2022