



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

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

July 14, 2020

Mr. Dean Curtland  
Director of Site Operations  
NextEra Energy Duane Arnold, LLC  
3277 DAEC Road  
Palo, IA 52324-9785

SUBJECT: DUANE ARNOLD ENERGY CENTER – SECURITY BASELINE INSPECTION  
REPORT 05000331/2020402

Dear Mr. Curtland:

On June 1, 2020, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Duane Arnold Energy Center 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,

*/RA/*

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 Dean Curtland from Steve K. Orth dated July 14, 2020.

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

Docket Number: 05000331

License Number: DPR-49

Report Number: 05000331/2020402

Enterprise Identifier: I-2020-402-0027

Licensee: NextEra Energy Duane Arnold, LLC

Facility: Duane Arnold Energy Center

Location: Palo, IA

Inspection Dates: May 11, 2020 to June 1, 2020

Inspector: E. 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 baseline inspection at Duane Arnold Energy Center, 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**

Unless otherwise noted, baseline 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 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." 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. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

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), regional inspectors were directed to begin telework. The inspection documented below was determined that the objectives and requirements stated in the IP could be performed remotely.

## **SAFEGUARDS**

### 71130.04 - Equipment Performance, Testing, and Maintenance

The inspector evaluated the security equipment testing and maintenance program. The following elements were evaluated from this IP:

### Equipment Performance, Testing, and Maintenance (1 Partial)

- (1) (Partial)
  - Tier I: 02.01 a; 02.02 a; 02.03 a; 02.04 a, d ,e; 02.05 a; 02.06 a; 02.07 a - d; 02.08 a - e
  - Tier II: 02.10 a; 02.11 c; 02.13 a
  - Tier III: 02.14; 02.15 a

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On June 1, 2020, the inspector presented the security baseline inspection results to Dean Curtland and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.04	Miscellaneous	PSP	DAEC Physical Security Plan	17
	Procedures	SD-04	Explosive Detectors	22
		SD-05	Metal Detectors	18
		SD-07	X-Ray Inspection System	19
		SD-17	Microwave Testing	25
		SD-18	Door Testing	38
		SP-06	Compensatory Measures	51
		SY-AA-101-1030	Operation of Security Alarm Stations	04
		SY-AA-102-1015	Safety/Security Interface	17
		SY-AA-102-1018	Control of Security Sensitive Equipment	08
		SY-AA-102-1025	Weapons Maintenance	07
		SY-AA-102-1026	Security Posts and Patrols	06
		SY-AA-102-1033	Security Equipment Testing	05
		SY-AA-102-1034	Conduct of Security	09