



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

May 2, 2019

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

SUBJECT: DUANE ARNOLD ENERGY CENTER—INDEPENDENT SPENT FUEL STORAGE  
INSTALLATION NRC SECURITY INSPECTION REPORT 07200032/2019401

Dear Mr. Curtland:

On April 24, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection of the physical protection program for the Duane Arnold Energy Center Independent Spent Fuel Storage Installation. The NRC inspector 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.

The NRC inspector did not identify any finding or violation of more-than-minor significance.

This letter and its enclosure will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.htm> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* (CFR), Part 2.390, "Public Inspections, Exemptions, Requests for Withholding."

If you choose to provide a response that contains Security-Related Information, please mark your entire response "Security-Related Information—Withhold from public disclosure under 10 CFR 2.390" in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

D. Curtland

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Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

*/RA/*

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

Docket No. 72-032  
License No. General License (ISFSI)

Enclosure:  
Inspection Report 07200032/2019401

cc: Distribution via LISTSERV®

Letter to Dean Curtland from Steven K. Orth dated May 2, 2019.

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No: 72-032

License No: General License (ISFSI)

Report No: 07200032/2019401

Enterprise Identifier: I-2019-401-0035

Licensee: NextEra Energy

Facility: Duane Arnold Energy Center – ISFSI

Location: Palo, IA

Dates: April 22, 2019, through April 24, 2019

Inspector: E. Bonano, ISFSI Physical Security Inspector

Approved By: S. 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 were identified.

### **Additional Tracking Items**

None.

## **INSPECTION SCOPES**

Inspection was conducted using the appropriate portions of the Inspection Procedure 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 Title 10 of the *Code of Federal Regulations*, Part 71 Transportation Packagings." 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.

## **SAFEGUARDS**

### 81311-Physical Security Requirements for Independent Spent Fuel Storage Installations (Complete)

The inspector evaluated the Physical Protection Program for the Independent Spent Fuel Storage Installation. The following elements were evaluated:

02.01 (a – f)

## **INSPECTION RESULTS**

No findings or violations were identified.

## **EXIT MEETINGS AND DEBRIEFS**

The inspector confirmed that proprietary information was controlled to protect from public disclosure. The inspector verified no proprietary information was retained or documented in this report.

- On April 24, 2019, the inspector presented the security inspection results to Mr. Curtland and other members of his staff.

## **DOCUMENTS REVIEWED**

### 81311-Physical Security Requirements for Independent Spent Fuel Storage Installations

DAEC Security and Contingency Plan for ISFSI; Appendix D; Revision 16  
2018 LLEA Letter of Agreement (LOA); Linn County Sheriff's Office; Dated 02/20/2019  
EAL-02 Emergency Action Level Matrix; Revision 9  
Nuclear Assurance Audits: PDA 18-001 and PDA 19-002