



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

August 28, 2017

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

**SUBJECT: UPDATED INSPECTION PLAN FOR DUANE ARNOLD ENERGY CENTER  
(REPORT 05000331/2017005)**

Dear Mr. Curtland:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019, for Duane Arnold Energy Center. The U.S. Nuclear Regulatory Commission (NRC) provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

The NRC staff plans to perform Temporary Instruction 191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communications/Staffing/Multi-Unit Dose Assessment Plans," at Duane Arnold Energy Center to confirm full implementation of Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events" and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." The NRC also plans to perform the triennial fire protection inspection in early 2018.

This letter and its enclosure 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 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Please contact me at 630-829-9731 with any questions you have regarding this letter.

Sincerely,

*/RA/*

Karla Stoedter, Chief  
Branch 1  
Division of Reactor Projects

Docket No. 50-331  
License No. DPR-49

Enclosure:  
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Dean Curtland from Karla Stoedter dated August 28, 2017

SUBJECT: UPDATED INSPECTION PLAN FOR DUANE ARNOLD ENERGY CENTER,  
UNIT 1 (REPORT 05000331/2017005)

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**Duane Arnold**  
**Inspection / Activity Plan**  
**09/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>FLEX - FLEX/MITIGATING STRATEGIES/SFPI</b>		<b>4</b>
1	09/25/2017	09/29/2017	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
			<b>ISFSI - ISFSI PROGRAM REVIEW INSPECTION</b>		<b>1</b>
1	10/01/2017	10/31/2017	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>2</b>
1	11/27/2017	12/01/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/27/2017	12/01/2017	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>OL-RQ - BIENNIAL REQUAL PROGRAM INSPECTION</b>		<b>2</b>
1	12/11/2017	12/15/2017	IP 7111111B	Licensed Operator Requalification Program	
			<b>BI FIRE - FIRE PROTECTION INSPECTION AND BAG TRIP</b>		<b>3</b>
1	01/08/2018	02/09/2018	IP 7111105X	Fire Protection - NFPA 805 (Triennial)	
			<b>HEATSINK - TRIENNIAL HEAT SINK INSPECTION</b>		<b>2</b>
1	03/05/2018	03/09/2018	IP 7111107T	Heat Sink Performance	
			<b>BI ENG - DBA PROGRAMS</b>		<b>4</b>
1	04/23/2018	05/11/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
			<b>EP - EP EXERCISE/PI VERIFICATION</b>		<b>2</b>
1	05/14/2018	05/18/2018	IP 7111401	Exercise Evaluation	
1	05/14/2018	05/18/2018	IP 7111406	Drill Evaluation	
1	05/14/2018	05/18/2018	IP 7111408	Exercise Evaluation – Scenario Review	
1	05/14/2018	05/18/2018	IP 71151	Performance Indicator Verification	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	04/30/2018	05/04/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>2</b>
1	09/10/2018	09/14/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/10/2018	09/14/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1	09/10/2018	09/14/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/10/2018	09/14/2018	IP 71124.04	Occupational Dose Assessment	
			<b>ISI - INSERVICE INSPECTION</b>		<b>1</b>
1	09/04/2018	09/27/2018	IP 7111108G	Inservice Inspection Activities - BWR	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	11/26/2018	11/30/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/26/2018	11/30/2018	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/26/2018	11/30/2018	IP 71124.04	Occupational Dose Assessment	

This report does not include INPO and OUTAGE activities.  
 This report shows only on-site and announced inspection procedures.

**Duane Arnold**  
**Inspection / Activity Plan**  
**09/01/2017 - 06/30/2019**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	11/26/2018	11/30/2018	IP 71151	Performance Indicator Verification	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	02/11/2019	02/15/2019	IP 71124.05	Radiation Monitoring Instrumentation	
			<b>BI PI&amp;R - BIENNIAL PI&amp;R INSPECTION</b>		<b>6</b>
1	02/25/2019	03/15/2019	IP 71152B	Problem Identification and Resolution	
			<b>OL PREP - INITIAL PREP MARCH/APRIL 2019</b>		<b>3</b>
1	03/11/2019	03/14/2019	W90386	OL - INITIAL EXAM - 2019 - DEC. 2018 - JULY 2019 - DUANE ARNOLD	
			<b>OL EXAM - INITIALA EXAM MARCH/APRIL 2019</b>		<b>3</b>
1	04/08/2019	04/19/2019	W90386	OL - INITIAL EXAM - 2019 - DEC. 2018 - JULY 2019 - DUANE ARNOLD	
			<b>BI RP - RADIATION PROTECTION BASELINE INSPECTION</b>		<b>1</b>
1	04/22/2019	04/26/2019	IP 71124.02	Occupational ALARA Planning and Controls	
			<b>BI EP - EP BASELINE INSPECTION / PI VERIFICATION</b>		<b>1</b>
1	04/29/2019	05/03/2019	IP 7111402	Alert and Notification System Testing	
1	04/29/2019	05/03/2019	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	04/29/2019	05/03/2019	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	04/29/2019	05/03/2019	IP 71151	Performance Indicator Verification	

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