



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

August 28, 2018

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 05000331/2018005)

Dear Mr. Curtland:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for the Duane Arnold Energy Center. The 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.

In addition to the baseline inspection, an inspection of TI-193, "Reliable Hardened Containment Vents, is planned for the week of July 26, 2019. In addition, we plan to perform Inspection Procedure 60855.1, "Operation of an ISFSI Independent Spent Fuel Storage Installation at Operating Plants," the week of February 3, 2020.

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 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, 2018

SUBJECT: UPDATED INSPECTION PLAN FOR DUANE ARNOLD ENERGY CENTER  
(REPORT 05000331/2018005)

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**OFFICIAL RECORD COPY**

# IP 22 Inspection Activity Plan Report

**Duane Arnold**

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>INSERVICE INSPECTION</b>						1
1	09/04/2018	09/27/2018	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						2
1	09/10/2018	09/14/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	09/10/2018	09/14/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	09/10/2018	09/14/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	09/10/2018	09/14/2018	IP 71124.04	000728	Occupational Dose Assessment	
<b>SECURITY BASELINE INSPECTION</b>						1
1	09/17/2018	09/21/2018	IP 71130.02	000734	Access Control	
1	09/17/2018	09/21/2018	IP 71151	001338	Performance Indicator Verification	
<b>FORCE-ON-FORCE PLANNING &amp; EXERCISE WEEK</b>						7
1	11/05/2018	11/09/2018	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	11/26/2018	11/30/2018	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1	11/26/2018	11/30/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	11/26/2018	11/30/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/26/2018	11/30/2018	IP 71124.04	000728	Occupational Dose Assessment	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1	02/11/2019	02/15/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
<b>BIENNIAL PI&amp;R INSPECTION</b>						4
1	02/25/2019	03/15/2019	IP 71152B	000747	Problem Identification and Resolution	
<b>SECURITY BASELINE INSPECTION</b>						1
1	03/04/2019	03/08/2019	IP 71130.02	000734	Access Control	
<b>2019 DAEC Exam</b>						4
1	03/10/2019	03/15/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	04/07/2019	04/19/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1	04/22/2019	04/26/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

# IP 22 Inspection Activity Plan Report

**Duane Arnold**

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>EP BASELINE INSPECTION / PI VERIFICATION</b>						1
1	04/29/2019	05/03/2019	IP 71114.02	000717	Alert and Notification System Testing	
1	04/29/2019	05/03/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	04/29/2019	05/03/2019	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	04/29/2019	05/03/2019	IP 71151	001397	Performance Indicator Verification	
<b>SECURITY BASELINE INSPECTION</b>						1
1	05/22/2019	05/24/2019	IP 81311	000831	Physical Security Requirements for Independent Spent Fuel Storage Installations	
<b>RELIABLE HARDENED CONTAINMENT VENTS TI-193</b>						2
1	07/22/2019	07/26/2019	TI 2515/193	000511	Inspection of the Implementation of EA-13-109: Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation under Severe Accident Conditions	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						2
1	08/12/2019	08/16/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	08/12/2019	08/16/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
<b>SECURITY BASELINE INSPECTION</b>						1
1	09/09/2019	09/13/2019	IP 71130.07	000739	Security Training	
1	09/09/2019	09/13/2019	IP 71151	001338	Performance Indicator Verification	
<b>TRIENNIAL 50.59 INSPECTION</b>						3
1	09/16/2019	09/20/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>RADIATION PROTECTION BASELINE INSPECTION</b>						1
1	10/21/2019	10/25/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
<b>BIENNIAL REQUAL PROGRAM INSPECTION</b>						2
1	11/18/2019	11/22/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
<b>DESIGN BASES ASSURANCE INSPECTION (TEAM)</b>						6
1	01/13/2020	01/17/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1	01/27/2020	01/31/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	

# IP 22 Inspection Activity Plan Report

**Duane Arnold**

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>ISFSI Cask Loading Inspection 1Q2020</b>						2
1	02/03/2020	02/07/2020	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
<b>RP Baseline Inspection</b>						1
1	03/09/2020	03/13/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>SECURITY BASELINE INSPECTION</b>						1
1	03/16/2020	03/20/2020	IP 71130.08	000740	Fitness For Duty Program	
1	03/16/2020	03/20/2020	IP 71151	001338	Performance Indicator Verification	
<b>RP Baseline Inspection</b>						1
1	05/04/2020	05/08/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	05/04/2020	05/08/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	05/04/2020	05/08/2020	IP 71124.04	000729	Occupational Dose Assessment	
<b>SECURITY BASELINE INSPECTION</b>						1
1	05/04/2020	05/08/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	