



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 4, 2013

Mr. Richard L. Anderson
Vice-President
NextEra Energy Duane Arnold, LLC
3277 DAEC Road
Palo, IA 52324-9785

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR DUANE ARNOLD ENERGY CENTER,
UNIT 1 (REPORT 05000331/2012001)**

Dear Mr. Anderson:

On February 13, 2013, the Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of Duane Arnold Energy Center, Unit 1. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2012, through December 31, 2012. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, Duane Arnold Energy Center operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Duane Arnold Energy Center during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. The NRC also plans on performing Temporary Instruction (TI) 2515/182, "Review of the implementation of the Industry Initiative to Control Degradation of Underground Piping," at your facility. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. 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 security related inspections, which will be sent via separate, non-publicly available correspondence.

R. Anderson

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In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at (630) 829-9753 with any questions you may have regarding this letter.

Sincerely,

/RA/

Robert J. Orlikowski, Acting Chief
Branch 1
Division of Reactor Projects

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

Enclosure: Duane Arnold Energy Center Inspection/Activity Plan

cc w/encl: Distribution via ListServ™

R. Anderson

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Duane Arnold
Inspection / Activity Plan
03/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			PII&R - BIENNIAL PI&R INSPECTION		5
1	02/11/2013	03/01/2013	IP 71152B	Problem Identification and Resolution	
			OL PREP - DUANE ARNOLD INIT PREP 03/2013		3
1	03/18/2013	03/22/2013	W90286	OL - INITIAL EXAM - 2013 MAR-APR - DUANE ARNOLD	
			OL EXAM - DUANE ARNOLD INIT EXAM 04/2013		3
1	04/08/2013	04/12/2013	W90286	OL - INITIAL EXAM - 2013 MAR-APR - DUANE ARNOLD	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	04/15/2013	04/19/2013	IP 71124.05	Radiation Monitoring Instrumentation	
			BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION		2
1	06/24/2013	06/28/2013	IP 7111402	Alert and Notification System Testing	
1	06/24/2013	06/28/2013	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	06/24/2013	06/28/2013	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	06/24/2013	06/28/2013	IP 71151	Performance Indicator Verification	
			TI INSP - TI 182 BURIED CABLE PHASE 2		1
1	06/17/2013	06/21/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
			BI MODS - TRIENNIAL PERM MODS/50.59		3
1	09/02/2013	09/20/2013	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
			ISFSI - ISFSI INSPECTION - SCHEDULE DEPENDENT		2
1	10/01/2013	11/30/2013	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	09/23/2013	09/27/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	09/23/2013	09/27/2013	IP 71151-BI01	Reactor Coolant System Activity	
1	09/23/2013	09/27/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	09/23/2013	09/27/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			RENEWAL - LR 71003 - PHASE 2 (DATE INFLEXIBLE)		6
1	11/04/2013	11/22/2013	IP 71003	Post-Approval Site Inspection for License Renewal	
			BI EPX - EP EXERCISE INSPECTION / PI VERIFICATION		2
1	04/07/2014	04/11/2014	IP 71151	Performance Indicator Verification	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	02/03/2014	02/07/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			BI ENG - COMPONENT DESIGN BASIS INSPECTION		6
1	05/19/2014	06/20/2014	IP 7111121	Component Design Bases Inspection	

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

Duane Arnold
Inspection / Activity Plan
03/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	06/09/2014	06/13/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	06/09/2014	06/13/2014	IP 71124.07	Radiological Environmental Monitoring Program	
			BI OLRQ - BIENNIAL REQUAL PROGRAM INSPECTION		2
1	09/15/2014	09/19/2014	IP 7111111B	Licensed Operator Requalification Program	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
1	10/06/2014	10/10/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	10/06/2014	10/10/2014	IP 71151-BI01	Reactor Coolant System Activity	
1	10/06/2014	10/10/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	10/06/2014	10/10/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			BI ISI - INSERVICE INSPECTION		1
1	10/23/2014	11/22/2014	IP 7111108G	Inservice Inspection Activities - BWR	

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