



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 4, 2009

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

SUBJECT: ANNUAL ASSESSMENT LETTER - DUANE ARNOLD ENERGY CENTER
(05000331/2009001)

Dear Mr. Anderson:

On February 11, 2009, the NRC staff completed its performance review of Duane Arnold Energy Center (DAEC). Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2008. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only – Security Related Information" will include the Security Cornerstone review and resultant inspection plan.

Overall, DAEC operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, including baseline and other infrequently conducted inspections, less those related to security, scheduled through June 30, 2010. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 9 months of the inspection plan are tentative and may be revised at the mid-cycle review.

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 (PARS) component of NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

R. Anderson

-2-

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact Kenneth Riemer at 630-829-9628 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Kenneth Riemer, Chief
Branch 2
Division of Reactor Projects

Docket No. 50-331; 72-032
License No. DPR-49

Enclosure: Duane Arnold Inspection/Activity Plan

DISTRIBUTION:
See next page

Letter to R. Anderson from K. Riemer dated March 4, 2009.

SUBJECT: ANNUAL ASSESSMENT LETTER - DUANE ARNOLD ENERGY CENTER
(05000331/2009001)

cc w/encl: M. Nazar, Senior Vice President and
Chief Nuclear Officer
J. Stall, Executive Vice President, Nuclear and
Chief Nuclear Officer
M. Ross, Managing Attorney
A. Khanpour, Vice President, Nuclear Engineering
D. Curtland, Plant Manager
S. Catron, Manager, Regulatory Affairs
M. Mashhadi, Senior Attorney
T. Jones, Vice President, Nuclear Operations,
Midwest Region
P. Wells, Acting Vice President, Nuclear,
Training and Performance Improvement
R. Hughes, Director, Licensing and Performance Improvement
D. McGhee, Iowa Dept. of Public Health
Chairman, Linn County, Board of Supervisors
Chief Radiological Emergency Preparedness Section,
Dept. Of Homeland Security
M. Rasmusson, State Liaison Officer
The Honorable Robert Hogg
Chairman, Benton County Supervisors
Benton County Sheriff
Coordinator, Benton County Emergency Services
Mayor of Atkins
Mayor of Shellsburg
Mayor of Urbana
Linn County Sheriff
Director, Linn County Emergency
Management Agency
Mayor of Robins
Mayor of Alburnett
Mayor of Cedar Rapids
Mayor of Hiawatha
Mayor of Marion
City Manager of Marion
Mayor of Center Point
Mayor of Palo
G. Mortensen, INPO

Duane Arnold
Inspection / Activity Plan
03/01/2009 - 06/30/2010

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
03/16/2009	03/20/2009	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
03/16/2009	03/20/2009	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program	
03/16/2009	03/20/2009	IP 71151-OR01	Occupational Exposure Control Effectiveness	
03/16/2009	03/20/2009	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		BI PI&R - BIENNIAL PI&R INSPECTION		5
05/04/2009	05/22/2009	IP 71152B	Identification and Resolution of Problems	
		BI EP - EP ROUTINE INSPECTION / PI VERIFICATION		1
07/13/2009	07/17/2009	IP 2515/175	Emergency Response Organization, Drill/Exercise Performance Indicator, Program Review	
07/13/2009	07/17/2009	IP 7111402	Alert and Notification System Testing	
07/13/2009	07/17/2009	IP 7111403	Emergency Response Organization Augmentation Testing	
07/13/2009	07/17/2009	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
07/13/2009	07/17/2009	IP 71151-EP01	Drill/Exercise Performance	
07/13/2009	07/17/2009	IP 71151-EP02	ERO Drill Participation	
07/13/2009	07/17/2009	IP 71151-EP03	Alert & Notification System	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
08/03/2009	08/07/2009	IP 7112202	Radioactive Material Processing and Transportation	
08/03/2009	08/07/2009	IP 71151-BI01	Reactor Coolant System Activity	
		BI ENG - TRIENNIAL FIRE PROTECTION INSPECTION		3
08/31/2009	09/18/2009	IP 7111105T	Fire Protection [Triennial]	
		BI ENG - TRIENNIAL FIRE PROT. INFO GATHERING TRIP		3
08/17/2009	08/21/2009	IP 7111105T	Fire Protection [Triennial]	
		FY 09 - DUANE ARNOLD INIT PREP 08/09		2
08/24/2009	08/28/2009	W90207	OL - INITIAL EXAM - SEPT. 2009 - DUAN	
		OL EXAM - DUANE ARNOLD INIT EXAM 09/09		3
09/14/2009	09/25/2009	W90207	OL - INITIAL EXAM - SEPT. 2009 - DUAN	
		HD DROP - SMART SAMPLE OPESSFY-2007-03, REV. 2		1
10/26/2009	11/13/2009	IP 7111120-Rfl	Refueling Activities	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
11/16/2009	11/20/2009	IP 7112101	Access Control to Radiologically Significant Areas	
11/16/2009	11/20/2009	IP 7112102	ALARA Planning and Controls	
		BI ENG - BIENNIAL HEAT SINK INSPECTION		1
03/15/2010	03/19/2010	IP 7111107T	Heat Sink Performance	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
03/22/2010	03/26/2010	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems	

Duane Arnold
Inspection / Activity Plan
03/01/2009 - 06/30/2010

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
03/22/2010	03/26/2010	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		BI EP - EP EXERCISE INSPECTION/PI VERIFICATION		4
05/17/2010	05/21/2010	IP 7111401	Exercise Evaluation	
05/17/2010	05/21/2010	IP 71151-EP01	Drill/Exercise Performance	
05/17/2010	05/21/2010	IP 71151-EP02	ERO Drill Participation	
05/17/2010	05/21/2010	IP 71151-EP03	Alert & Notification System	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
06/14/2010	06/18/2010	IP 7112101	Access Control to Radiologically Significant Areas	
06/14/2010	06/18/2010	IP 7112102	ALARA Planning and Controls	
06/14/2010	06/18/2010	IP 71151-OR01	Occupational Exposure Control Effectiveness	

R. Anderson

-2-

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact Kenneth Riemer at 630-829-9628 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

Kenneth Riemer, Chief
Branch 2
Division of Reactor Projects

Docket No. 50-331; 72-032
License No. DPR-49

Enclosure: Duane Arnold Inspection/Activity Plan

DISTRIBUTION:
See next page

See Previous Concurrence

DOCUMENT NAME: G:\BRANCH TSS\ALL EOC\EOC CY 2008\EOC LETTERS\DUANE
ARNOLD EOC LETTER (FOR YEAR 2008).DOC

Publicly Available Non-Publicly Available Sensitive Non-Sensitive

To receive a copy of this document, indicate in the concurrence box "C" = Copy without attach/encl "E" = Copy with attach/encl "N" = No copy

OFFICE	RIII	RIII				
NAME	AScarbeary:mb:dtp	KRiemer*NS for				
DATE	02/25/09	02/25/09				

OFFICIAL RECORD COPY

Letter to R. Anderson from K. Riemer dated March 4, 2009.

SUBJECT: ANNUAL ASSESSMENT LETTER - DUANE ARNOLD ENERGY CENTER
(05000331/2009001)

DISTRIBUTION:

Tamara Bloomer

RidsNrrDorlLpl3-1

RidsNrrPMDuaneArnold Resource

RidsNrrDirslpab Resource

Mark Satorius

Kenneth Obrien

Jared Heck

Allan Barker

DRPIII

DRSIII

Patricia Buckley

Tammy Tomczak

ROPreports@nrc.gov