



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

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June 23, 2010

EA-09-166

Mr. Christopher R. Costanzo
Vice President
NextEra Energy Duane Arnold, LLC
3277 DAEC Road
Palo, IA 52324-9785

SUBJECT: DUANE ARNOLD ENERGY CENTER
NRC SUPPLEMENTAL INSPECTION REPORT 05000331/2010405(DRS)

Dear Mr. Costanzo:

On May 13, 2010, the U. S. Nuclear Regulatory Commission (NRC) completed a supplemental inspection at your Duane Arnold Energy Center. The inspection examined activities conducted under your license as they relate to safety and compliance with the Commission's rules and regulations, and with the conditions of your license. The enclosed inspection report documents the inspection results, which were discussed at the exit meeting on May 13, 2010, with Mr. Byrne and other members of your staff. The NRC was informed of your readiness for the inspection on March 4, 2010.

As required by the NRC Reactor Oversight Process Action Matrix, this supplemental inspection was conducted to provide assurance that the root causes and contributing causes of the events resulting in a Greater than Green finding were understood, to independently assess the extent of condition and extent of cause, and to provide assurance that the corrective actions for significant performance issues were sufficient to address the root causes and contributing causes, and to prevent recurrence. The inspection consisted of plant walkdowns, a selected examination of representative records, observation of a limited scope tactical drill, observation of tabletop exercises, and interviews with personnel.

Based on the results of this supplemental inspection, no findings of significance were identified.

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C. Costanzo

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

Sincerely,

/RA/

Anne T. Boland, Director
Division of Reactor Safety

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

Nonpublic Enclosure: Inspection Report 05000331/2010405(DRS)
w/Attachment: Supplemental Information

cc w/encl: S. Coker, NSIR/DSO/DDSO/ST
C. Johnson, NSIR
J. Trapp, Region I
M. Ernstes, RII
M. Shannon, RIV
M. Nazar, Executive Vice President, Nuclear Division & Chief Nuclear Officer
M. Rasmusson, State Liaison Officer, State of Iowa

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C. Costanzo

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Letter to Christopher R. Costanzo from Anne T. Boland, dated June 23, 2010.

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NRC SUPPLEMENTAL INSPECTION REPORT 05000331/2010405(DRS)

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