



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

February 24, 2011

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

**SUBJECT: UPCOMING DUANE ARNOLD ENERGY CENTER PROBLEM
IDENTIFICATION AND RESOLUTION (PI&R) INSPECTION**

Dear Mr. Costanzo:

On April 11, 2011, the NRC will begin the biennial Problem Identification and Resolution (PI&R) Inspection at the Duane Arnold Energy Center. This inspection will be performed in accordance with the NRC baseline Inspection Procedure 71152.

Experience has shown that these inspections are extremely resource intensive both for the NRC inspectors and the utility staff. In order to minimize the impact that the inspection has on the site and to ensure a productive inspection, we have enclosed a request for documents needed for the inspection.

The documents requested are copies of condition reports and lists of information necessary in order to ensure the inspection team is adequately prepared for the inspection. The documents should be ready for NRC review by March 21, 2011. Mr. Nirodh Shah, the lead inspector, will contact your staff to determine the best method of providing the information to the inspectors.

If there are any questions about the material requested, or the inspection in general, please call Nirodh Shah at 630-829-9821.

C. Costanzo

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

Sincerely,

/RA/

Kenneth Riemer, Chief
Reactor Projects Branch 2
Division of Reactor Projects

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

Enclosure: Request for Information Regarding PI&R Inspection

cc w/encl: Distribution via ListServe

**Requested Information to Support
Problem Identification and Resolution (PI&R) Inspection**

Please provide the information on a compact disc (one for each team member), if possible. Unless otherwise specified, the time frame for requested information is two years.

1. Copies of the corporate and site level procedures and sub-tier procedures associated with the corrective action program. This should include procedures related to: 1) corrective action process; 2) operating experience program; 3) employee concerns program; 4) self-assessment program; 5) maintenance rule program and implementing procedures; 6) operability determination process; 7) Degraded/non-conforming condition process (e.g., RIS 2005-20); 8) System Health process or equivalent equipment reliability improvement programs; 9) Operational Decision Making (ODMI) process.
2. A listing of the top 10 risk-significant systems, components, and operator manual actions.
3. Scheduled date/time/location of all meetings associated with implementation of the corrective action program, such as Condition Report (CR) screening meetings, corrective action review board meetings, etc.
4. List of all CRs generated sorted by priority, with the following information: number; priority; title; date initiated; and status (open or closed). The CRs should be grouped by the initiating department (operations, maintenance, engineering, radiation protection, emergency preparedness, and security).
5. Listing of the total number of CRs generated annually, sorted by the above departments.
6. A list of CRs generated as a result of identified trends. The list should be sorted by priority and have the following information: number, title, date initiated, status and initiating department.
7. A list of outstanding corrective actions, sorted by priority, with a brief description, initiating date and due date. Please also identify and list any associated due date extensions.
8. List of control room deficiencies and operator work arounds, sorted by priority, with a brief description and corresponding CR and/or work order number.
9. A chronological list of all nuclear quality assurance audits and department/station self-assessments.
10. All assessments or evaluations (internal or external) regarding station or department safety-culture.
11. A list of all operability determinations and ODMI's performed since May 2008, with the following information: date initiated, initiating CR and status (open or closed).
12. A copy of all root, apparent, and common cause evaluations.

13. A list of maintenance preventable functional failures (MPFFs) of risk-significant systems (include actions completed and current status). A list of current Maintenance Rule a(1) systems and a list of those systems that entered a(1) within the last two years, but which were returned to a(2) status. Include a copy of the current system health report for those systems now in (a)(1).
14. Copy of the latest corrective action program statistics such as the number initiated by department, human performance errors by department, backlog, corrective action timeliness and others as may be available.
15. Any performance indicators associated with backlog of corrective maintenance items.
16. List of industry operating experience evaluated by the site. Additionally, list of all NRC generic communications (information notices, generic letters, etc.) evaluated by the site for applicability to the station regardless of the determination of applicability.
17. A list of condition reports issued since April 2009 where the NRC was the identifying organization. This list should include non-cited and minor violations, and findings, regardless of whether there was an associated violation. Please provide the CR number, title, date initiated and status.
18. A chronological list of all Licensee Event Reports, with a brief description of the affected components or systems.
19. A chronological list of CRs, system audits, 50.59 screenings or evaluations, operability evaluations and ODMIs, maintenance rule, root or apparent cause evaluations, and permanent or temporary modifications associated with the high pressure coolant injection system since April 2006. Please indicate the status of the associated documents (i.e., open or closed) in the listing. In addition, please provide the associated current system health reports and any corrective actions, etc. in response to the 2008 NRC CDBI inspection (only with respect to HPCI).
20. A list of open temporary modifications.
21. Have available for review and use a copy of the Quality Assurance manual.
22. Have available for review and use a copy of the organization chart and phone listing.
23. Have available for review and use a copy of the UFSAR and TS/TRM, including the Bases.
24. Have available for review and use a set of system prints (P&IDs).

C. Costanzo

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Letter to C. Costanzo from K. Riemer dated February 24, 2011

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IDENTIFICATION AND RESOLUTION (PI&R) INSPECTION

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