



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

June 30, 2010

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

**SUBJECT: DUANE ARNOLD ENERGY CENTER INFORMATION REQUEST FOR AN NRC
TRIENNIAL PERMANENT MODIFICATIONS AND 10 CFR 50.59 (MOD/50.59)
BASELINE INSPECTION 05000331/2010-007(DRS)**

Dear Mr. Costanzo:

On September 13, 2010, the Nuclear Regulatory Commission (NRC) will begin a Permanent Plant Modifications 10 CFR 50.59 (MOD/50.59) baseline inspection at your Duane Arnold Energy Center. This inspection will be performed in accordance with the NRC baseline Inspection Procedure IP 71111.17. The on-site portion of the inspection will take place on September 13 – 17, 2010, and September 27 – October 1, 2010.

Experience has shown that these baseline inspections are resource intensive, both for the NRC inspectors and the licensee staff. In order to minimize the inspection impact on the site and to ensure a productive inspection for both parties, we have enclosed a request for documents needed for the inspection. These documents have been divided into three groups. The first group is necessary to ensure that the inspection team is adequately prepared for the inspection. This information should be made available via compact disc to the Regional Office no later than August 13, 2010. The inspection team will review this information and, by August 20, 2010, will request specific items (second group of documents requested) that should be available for review by September 3, 2010. The third group lists information that should be available by the first day of the on-site inspection and/or is necessary to aid the inspection team in tracking issues identified as a result of the inspection. It is important that all of these documents are up to date and complete in order to minimize the number of additional documents requested during the preparation and/or the on-site portions of the inspection.

The lead inspector for this inspection is Ms. Caroline Tilton. We understand that our regulatory contact for this inspection is Mr. B. Murell of your organization. If there are any questions about the inspection or the material requested, please contact the lead inspector at (630) 829-9718 or via e-mail at caroline.tilton@nrc.gov.

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, control number 3150-0011.

The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget control number.

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

Sincerely,

/RA/

Robert C. Daley, Chief
Engineering Branch 3
Division of Reactor Safety

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

Enclosure: Initial Document Request Modifications and 50.59 Inspection Document Request

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INITIAL MODIFICATIONS AND 50.59 INSPECTION DOCUMENT REQUEST

Inspection Report: 05000331/2010007(DRS)

Inspection Dates: September 13 – 17, 2010 and September 27 – October 1, 2010

Inspection Procedures: IP 71111.17, "Evaluation of Changes, Tests, or Experiments and Permanent Plant Modifications"

Lead Inspector: Caroline Tilton
(630) 829-9718

I. Information Requested for In-Office Preparation Week

The following information is requested by August 13, 2010, or sooner, to facilitate the selection of specific items that will be reviewed during the on-site inspection week. The team will select specific items from the information requested below and submit a list to your staff by August 20, 2010. We will request that certain items be made available to the regional office prior to the inspection by September 3, 2010. We request that the remaining items selected from the lists be available and ready for review on the first day of inspection. All requested information should cover the time frame from the receipt of information for the last Permanent Modification inspection on June 25, 2007, to the present. If you have any questions regarding this information, please call the lead inspector as soon as possible.

- (1) List of "permanent plant modifications" to systems, structures, or components that are field work complete. (For the purpose of this inspection, permanent plant modifications include permanent: plant changes, design changes, set point changes, equivalency evaluations, suitability analyses, and commercial grade dedications.)

The list should contain the number of each document, the title, the revision (or date), and the affected system. In addition to the list, please provide a description of each modification and a list of associated calculations and affected procedures.

- (2) List of all 10 CFR 50.59 completed evaluations involving: (a) calculations; (b) procedure revisions; (c) changes to the facility (modifications); (d) non-routine operating configurations; or (e) departures in methods of analyses. This list should include 50.59 evaluations for the following:

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- a. Changes that have been made under the provisions of 10 CFR 50.59 that have been updated in accordance with 10 CFR 50.71(e)(4) since June 25, 2007;
- b. Modifications that are field work complete; and
- c. Changes to calculations (or initiation of new calculations) that have been issued.

The list should contain the number and title of each document, a brief description of the change, and the corresponding number and type of the affected document (i.e., the modification or procedure to which the evaluation applies). The list should NOT include any evaluations in which prior NRC approval was sought and obtained.

- (3) List of all 10 CFR 50.59 changes that have been screened out as not requiring a full evaluation involving: (a) calculations; (b) procedure revisions; (c) changes to the facility (modifications); (d) non-routine operating configurations; or (e) departures in methods of analyses.

The list should contain the number and title of each document, a brief description of the change, and the corresponding number and type of the affected document (i.e., the modification or procedure to which the evaluation applies).

- (4) List of any modifications, procedure revisions, or UFSAR changes where it was determined that 10 CFR 50.59 did not apply.
- (5) List of calculation changes that have been issued for use.
- (6) List of corrective action documents (open and closed) that address plant permanent modification or 10 CFR 50.59 issues, concerns, or processes. These documents should also include corrective action documents associated with modification and MOD 50.59 change implementation.

The list should contain the number, title and revision (or date) of each document, the affected system and corresponding documentation (if applicable), and should be sorted in order of significance,

- (7) Copies of procedures addressing the following: modifications, design changes, set point changes, equivalency evaluations or suitability analyses, commercial grade dedications, post-modification testing, 10 CFR 50.59 evaluation and screenings, and UFSAR updates.
- (8) UFSAR updates submitted in accordance with 10 CFR 50.71(e)(4). Provide copies of the complete submittal.
- (9) Copy of the UFSAR change log (or a synopsis of changes). This should include all of the changes made to the UFSAR that were incorporated in the last 10 CFR 50.71(e)(4) submittal.
- (10) Name(s) and phone numbers for the regulatory and technical contacts.

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- (11) Current management and engineering organizational chart.

II. Information Requested to be Provided Prior to Inspection. Request will be made by August 20, 2010 for availability of documents by September 3, 2010

- (1) Copies of all selected items from Section I. This includes copies of associated documents such as calculations, post-modification test packages, 10 CFR 50.59 evaluations, or screenings, and any corrective action documents (need in Regional Office by September 3, 2010).

III. Information Requested to be provided on the first day of on-site inspection (September 13, 2010) and/or throughout the inspection

- (1) Copies of these documents do not need to be solely available to the team as long as the inspectors have easy and unrestrained access to them.
 - a. Updated Final Safety Analysis Report;
 - b. Original FSAR Volumes;
 - c. Original SER and Supplements;
 - d. FSAR Question and Answers;
 - e. Quality Assurance Plan;
 - f. Technical Specifications;
 - g. Latest IPE/PRA Report;
 - h. Vendor Manuals; and
 - i. The Latest 10 CFR 50.59 FSAR Update Submittal.
- (2) Please ensure that other supporting documents for the selected items have been located and are readily retrievable as the team will likely be requesting these documents during the inspections. Examples of supporting documents are:
 - a. Drawings supporting the modifications;
 - b. Procedures affected by the modifications; and
 - c. UFSAR change papers generated due to a 10 CFR 50.59 evaluation.
- (3) Assessment and Corrective Actions:
 - a. The most recent modification (MOD)/50.59 Quality Assurance (QA) audit and/or self-assessment; and
 - b. Corrective action documents (e.g., condition reports, including status of corrective actions) generate as a result of the most recent MOD/50.59 Quality Assurance (QA) audit and/or self-assessment.

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It is requested that the following two items be provided to the lead inspector as the information is generated during the inspection.

- (4) Copies of any corrective action documents generated as a result of the team's questions or queries during this inspection.
- (5) Copies of the list of questions submitted by the team members and the status/resolution of the information requested (provide daily during the inspection to each team member).

If you have questions regarding the information requested, please contact the lead inspector.

C. Costanzo -2-

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Sincerely,

/RA/
Robert C. Daley, Chief
Engineering Branch 3
Division of Reactor Safety

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