February 24, 2005

Mr. Mark Peifer
Site Vice-President
Duane Arnold Energy Center
Nuclear Management Company, LLC
3277 DAEC Road
Palo, IA 52324

SUBJECT: DUANE ARNOLD ENERGY CENTER - NOTIFICATION OF NRC INSPECTION AND REQUEST FOR INFORMATION

Dear Mr. Peifer:

On April 4, 2005, the NRC will begin the baseline inservice inspection at the Duane Arnold Energy Center. This on-site inspection will be performed April 4 - 8, 2005, in accordance with the NRC baseline Inspection Procedure 71111.08.

Experience has shown that this inspection is resource intensive both for the NRC inspector and your staff. In order to minimize the impact to your on-site resources and to ensure a productive inspection for both sides, we have enclosed a request for documents needed for this inspection. These documents have been divided into two groups. The first group identifies information necessary to ensure that the inspector is adequately prepared. The second group identifies the information the inspector will need upon arrival at the site. 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.

We understand that our regulatory contact for this inspection is Mr. Frank Dohmen of your organization. If there are any questions about this inspection or the material requested, please contact the inspector Ms. Carla Roque-Cruz at (630) 829-9745.

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/

David E. Hills, Chief
Materials Engineering Branch
Division of Reactor Safety

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

Enclosure: INSERVICE INSPECTION DOCUMENT REQUEST

cc w/encl: E. Protsch, Executive Vice President -
Energy Delivery, Alliant;
President, IES Utilities, Inc.
C. Anderson, Senior Vice President, Group Operations
J. Cowan, Executive Vice President and Chief Nuclear Officer
J. Bjorseth, Plant Manager
S. Catron, Manager, Regulatory Affairs
J. Rogoff, Vice President, Counsel, & Secretary
B. Lacy, Nuclear Asset Manager
Chairman, Linn County Board of Supervisors
Chairperson, Iowa Utilities Board
The Honorable Charles W. Larson, Jr.
Iowa State Senator
D. McGhee - Department of Public Health

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J. Bjorseth, Plant Manager
S. Catron, Manager, Regulatory Affairs
J. Rogoff, Vice President, Counsel, & Secretary
B. Lacy, Nuclear Asset Manager
Chairman, Linn County Board of Supervisors
Chairperson, Iowa Utilities Board
The Honorable Charles W. Larson, Jr.
Iowa State Senator
D. McGhee - Department of Public Health

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INSERVICE INSPECTION DOCUMENT REQUEST

Inspection Dates: April 4 - 8, 2005

Inspection Procedures: IP 7111108, “Inservice Inspection”

Inspector: C. Roque-Cruz (630) 829-9745

A. Information Requested for the In-Office Preparation Week

The following information (electronic copy if practicable - cpr1@nrc.gov) is requested by March 14, 2005, to facilitate the selection of specific items that will be reviewed during the on-site inspection week. The inspector will select specific items from the information requested below and request a list of additional documents needed on-site to your staff. We request that the specific items selected from the lists be available and ready for review on the first day of inspection. If you have any questions regarding this information, please call the inspector as soon as possible.

1) A detailed schedule of nondestructive examinations (NDE) planned for Class 1 and 2 systems and containment, performed as part of your ASME Code ISI Program during the scheduled inspection weeks.

2) A copy of the procedures used to perform the examinations identified in A.1. For ultrasonic examination procedures qualified in accordance with Appendix VIII, of Section XI of the ASME Code, provide documentation supporting the procedure qualification. This documentation should include the test data identifying the types of defects used in the procedure qualification, the equipment used (cables, probes, transducers including serial numbers) and the Code Edition used for qualification. Additionally, the data supporting the detection and sizing capability of the procedure is to be provided.

3) A copy of any ASME Section XI, Code Relief Requests applicable to the examinations identified in A.1.

4) A copy of the 90-day ISI summary report from the previous outage.

5) A list identifying nondestructive examination reports (ultrasonic, radiography, magnetic particle, dye penetrant, visual (VT-1, VT-2, VT-3)) which have identified relevant indications on Code Class 1 and 2 systems in the past two refueling outages. Provide records accepting any relevant indications for continued service.

6) List with short description of the welds in Code Class 1 and 2 systems which have been completed since the beginning of the last refueling outage and identify system, weld number and reference applicable documentation.

7) If reactor vessel weld examinations required by the ASME Code are scheduled to occur during the inspection period, provide a detailed description of the welds to be examined, and the extent of the planned examination.

8) Identify any non-code repairs (if any) performed on Code Class 1, 2 or 3 systems within the last two refueling outages.

9) Provide a list with description of ISI related issues entered into your corrective action system beginning with the date of the last refueling outage.

10) Copy of any 10 CFR Part 21 reports applicable to your structures systems or components within the scope of Section XI of the ASME Code, that have been identified since the beginning of the last refueling outage.

B. Information to be provided on-site to the inspector at the entrance meeting:

1) Updated schedule for item A.1.

2) For welds selected by the inspector from A.6 above, provide copies of the following documents:

   a) Document of the weld number and location (e.g., system, train, branch);
   b) Document with a detail of the weld construction;
   c) Applicable Code Edition and Addenda for weldment;
   d) Applicable Code Edition and Addenda for welding procedures;
   e) Applicable weld procedures (WPS) used to fabricate the welds;
   f) Copies of procedure qualification records (PQRs) supporting the WPS on selected welds;
   g) Copies of mechanical test reports identified in the PQRs above;
   h) Copies of the nonconformance reports for the selected welds;
   i) Radiographs of the selected welds and access to equipment to allow viewing radiographs; and
   j) Copies of the preservice examination records for the selected welds.

3) On-site copy of the documents which define and implement Duane Arnold Energy Center Risk Based ISI Program (including NRR Safety Evaluations).

4) For the ISI related corrective action issues selected by the inspector from A.9 above, provide a copy of the corrective actions and supporting documentation.

5) For the nondestructive examination reports with relevant indications on Code Class 1 and 2 systems selected by the inspector from A.5 above, provide a copy of the examination records and associated corrective action documents.

6) Copy of the most recent quality assurance department audit, which included the ISI program and activities. Copies of documents resolving findings in this audit.

7) Ready access to the Editions of the ASME Code (Sections V, IX and XI) applicable to the inservice inspection program (e.g., copies provided to the inspector to use for the duration of the inspection at the on-site inspection location).