

August 7, 2007

Mr. Christopher M. Crane  
President and Chief Nuclear Officer  
Exelon Nuclear  
Exelon Generation Company, LLC  
Quad Cities Nuclear Power Station  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: QUAD CITIES NUCLEAR POWER STATION  
UNITS 1 AND 2 REQUEST FOR INFORMATION NRC MAINTENANCE  
EFFECTIVENESS BASELINE INSPECTION

Dear Mr. Crane:

On September 24, 2007, the U.S. Nuclear Regulatory Commission (NRC) will begin the required triennial inspection of maintenance effectiveness at your Quad Cities Nuclear Power Station, Units 1 and 2. This inspection will be performed in accordance with the NRC baseline inspection procedure (IP) 71111.12.

In order to minimize the impact that the inspection has on the site and to ensure a productive inspection for both sides, we have enclosed a request for documents needed for the inspection. The document request list the information necessary in order to ensure the inspector is adequately prepared for the inspection. This information should be available to the Regional Office no later than September 12, 2007. In so far as possible, this information should be provided electronically to the lead inspector.

The lead inspector for this inspection is Mr. Robert Winter. If there are any questions about the material requested, or the inspection, please call Mr. Robert Winter at (630) 829-9758 or e-mail him at [RAW2@nrc.gov](mailto:RAW2@nrc.gov).

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).

Sincerely,

**/RA/**

Julio Lara, Chief  
Engineering Branch 3  
Division of Reactor Safety

Docket Nos. 50-254; 50-265; 72-053  
License Nos. DPR-29; DPR-30

Enclosure: Initial Document Request

cc w/encl: Site Vice President - Quad Cities Nuclear Power Station  
Plant Manager - Quad Cities Nuclear Power Station  
Regulatory Assurance Manager - Quad Cities Nuclear Power Station  
Chief Operating Officer  
Senior Vice President - Nuclear Services  
Senior Vice President - Mid-West Regional  
Operating Group  
Vice President - Mid-West Operations Support  
Vice President - Licensing and Regulatory Affairs  
Director Licensing - Mid-West Regional  
Operating Group  
Manager Licensing - Dresden and Quad Cities  
Senior Counsel, Nuclear, Mid-West Regional  
Operating Group  
Document Control Desk - Licensing  
Vice President - Law and Regulatory Affairs  
Mid American Energy Company  
Assistant Attorney General  
Illinois Emergency Management Agency  
State Liaison Officer, State of Illinois  
State Liaison Officer, State of Iowa  
Chairman, Illinois Commerce Commission  
Chief Radiological Emergency Preparedness Section,  
Dept. Of Homeland Security  
D. Tubbs, Manager of Nuclear  
MidAmerican Energy Company

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Senior Counsel, Nuclear, Mid-West Regional  
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Document Control Desk - Licensing  
Vice President - Law and Regulatory Affairs  
Mid American Energy Company  
Assistant Attorney General  
Illinois Emergency Management Agency  
State Liaison Officer, State of Illinois  
State Liaison Officer, State of Iowa  
Chairman, Illinois Commerce Commission  
Chief Radiological Emergency Preparedness Section,  
Dept. Of Homeland Security  
D. Tubbs, Manager of Nuclear  
MidAmerican Energy Company

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DATE	08/03/07		08/06/07		08/07/07			

**OFFICIAL RECORD COPY**

Letter to Mr. C. Crane from Mr. Julio Lara August 7, 2007.

SUBJECT: QUAD CITIES NUCLEAR POWER STATION, UNITS 1 AND 2  
REQUEST FOR INFORMATION NRC MAINTENANCE EFFECTIVENESS  
BASELINE INSPECTION

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## PERIODIC EVALUATION INSPECTION DOCUMENT REQUEST

**Inspection Dates:** September 24 - 28, 2007

**Inspection Procedures:** IP 71111.12, "Maintenance Effectiveness"

**Inspector:** Robert Winter (630) 829-9758  
[raw2@nrc.gov](mailto:raw2@nrc.gov)

### Initial Document Request

#### **A. Information Requested Expeditiously**

The following information (electronic copy if practicable [raw2@nrc.gov](mailto:raw2@nrc.gov)) is requested no later than September 12, 2007, to facilitate the selection of specific items that will be reviewed during the on-site inspection.

1. Use these specific systems for Items 3, 11, 15, and 18 of the Document Request List:
  - a. 480v MCCs;
  - b. High Pressure Core Injection (HPCI);
  - c. Unit 2 Fuel;
  - d. Refueling Bridge Crane; and
  - e. Control Room HVAC.

#### **B. Document Request**

1. Maintenance Rule Administrative Procedures.
2. IPE/PSA available for review.
3. PSA Basis for the Maintenance Rule (MR) Performance Criteria for the following systems: **(See items listed above)**.
4. Current list of Maintenance Rule Systems Showing (a)(1) and (a)(2) status.
5. Performance criteria for all SSCs in the MR.
6. A copy of the last two Periodic Evaluations.

## PERIODIC EVALUATION INSPECTION DOCUMENT REQUEST

7. List of Unavailability and Reliability Data used for all MR SSCs in performing the latest Periodic Evaluation (if not included in periodic evaluation report).
8. Maintenance Rule (a)(1) Cause Determinations and Goals for all SSCs in (a)(1) during the time frame of the latest periodic evaluation.
9. Disposition sheets for why SSCs removed from (a)(1) during the time frame of the latest periodic evaluation.
10. List of all SSCs (or functions) removed from or added to the MR program for the time frame of the latest periodic evaluation.
11. Work Requests (Orders) for **SSCs identified above** for the time frame of the latest periodic evaluation.
12. List of all Functional Failures (FF), Maintenance Preventable Functional Failures (MPFFs), and Repetitive Maintenance Preventable Functional Failures (RMPFFs) for the time frame of the latest periodic evaluation (if not included in periodic evaluation report).
13. List of all Performance Criteria Changes made to MR SSCs for the time frame of the latest periodic evaluation.
14. Copies of Maintenance Rule Quarterly Reviews for the time frame of the latest periodic evaluation (if they are being performed).
15. Copies of System Health Report for **SSCs identified above**.
16. Audit/Self-assessment of the Maintenance Rule Program performed in the last two years.
17. Expert Panel Minutes from January 2004 to July 2007.
18. Condition Reports/Action Requests (with evaluations and corrective actions) issued for the **systems listed above** for the time period of the latest periodic evaluation.

These copies are provided to the inspector to use for the duration of the inspection at the on-site inspection location and will be returned at the end of the inspection.