Mr. Charles G. Pardee  
Senior Vice President, Exelon Generation Company, LLC  
President and Chief Nuclear Officer (CNO), Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL  60555

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – QUAD CITIES NUCLEAR POWER STATION

Dear Mr. Pardee:

On August 20, 2009, the NRC staff completed its performance review of the Quad Cities Nuclear Power Station. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from July 1, 2008, through June 30, 2009. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only--Security Information" will include the security cornerstone review and resultant inspection plan.

Plant performance for the most recent quarter at the Quad Cities Nuclear Power Station was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility.

The enclosed inspection plan details the inspections, less those related to physical protection scheduled through December 31, 2010. The inspections scheduled include: independent spent fuel storage installation, ground water protection initiative, initial and requalification licensed operator examinations, biennial problem identification and resolution, emergency preparedness, and outage related inspections. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 9 months of the inspection plan are tentative and may be revised at the End-of-Cycle review.

In accordance with 10 CFR 2.390 of the NRC's “Rules of Practice,” a copy of this letter and its enclosure will be made 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 Website at http://www.nrc.gov/reading-rm/adams.html (the Public Electronic Reading Room).
As you may know, the NRC is currently evaluating the scope and frequency of all the baseline inspection procedures. If the results of the evaluation, or any other circumstances, cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (630) 829-9703 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Mark A. Ring, Chief
Branch 1
Division of Reactor Projects

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

Enclosure: Quad Cities Station Inspection/Activity Plan

DISTRIBUTION:
See next page
Letter to C. Pardee from M. Ring dated September 1, 2009

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN – QUAD CITIES NUCLEAR POWER STATION

cc w/encl: Site Vice President - Quad Cities Nuclear Power Station
Plant Manager - Quad Cities Nuclear Power Station
Manager Regulatory Assurance - Quad Cities Nuclear Power Station
Senior Vice President - Midwest Operations
Senior Vice President - Operations Support
Vice President - Licensing and Regulatory Affairs
Director Licensing - Licensing and Regulatory Affairs
Manager Licensing - Clinton, Dresden and Quad Cities
Jeff Gust, VP Energy Supply Management, MidAmerican Energy
Associate General Counsel
Vice President - Law and Regulatory Affairs
D. Tubbs, Manager of Nuclear Document Control Desk - Licensing
Assistant Attorney General
J. Klinger, State Liaison Officer, Illinois Emergency Management Agency
M. Rasmusson, Chief, Bureau of Radiological Health, Iowa Department of Public Health
Chairman, Illinois Commerce Commission
Chief Radiological Emergency Preparedness Section, Dept. Of Homeland Security
Chairman, Rock Island County Board
Rock Island County Sheriff
Coordinator, Rock Island Emergency Services and Disaster
Chairman, Whiteside County Board
Whiteside County Sheriff
Coordinator, Whiteside County Emergency Services
Chairman, Board of Supervisors
Clinton County Sheriff
Coordinator, Clinton County Emergency Management
Scott County Administrator
Scott County Sheriff
Coordinator, Scott County Emergency Management
Mayor of Albany
Mayor of Rapids City
President, Village of Port Byron
President, Village of Cordova
Mayor of Camanche
Mayor of Clinton
Clinton City Administrator
Mayor of Low Moor
Mayor of LeClaire
LeClaire City Administrator
Mayor of Princeton
Mayor of McCausland
G. Mortensen, INPO
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DISTRIBUTION:
Susan Bagley
RidsNrrDorIPl3-2
RidsNrrPMQuad Cities
RidsNrrDrslpob Resource
Cynthia Pederson
Steven Orth
Jared Heck
Allan Barker
DRPIII
DRSIII
Patricia Buckley
Tammy Tomczak
ROPreports Resource
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This report does not include INPO and OUTAGE activities. This report shows only on-site and announced inspection procedures.
Quad Cities
Inspection / Activity Plan
09/01/2009 - 12/31/2010

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