

October 22, 2002

Mr. John L. Skolds, President  
Exelon Nuclear  
Exelon Generation Company, LLC  
Quad Cities Nuclear Power Station  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: UPCOMING QUAD CITIES PROBLEM IDENTIFICATION AND RESOLUTION  
(PI&R) INSPECTION

Dear Mr. Skolds:

On December 2, 2002, NRC will begin the required biennial problem identification and resolution (PI&R) inspection at your Quad Cities Nuclear Power Station. 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 for both sides, we have enclosed a request for documents needed for the inspection. The documents have been divided into two groups.

The first, which is primarily comprised of lists of information, is necessary in order to ensure the inspection team is adequately prepared for the inspection. This information should be provided to the Regional Office by no later than November 18, 2002. It is preferable that the information is provided electronically as much as possible. Alternatively, the information can be faxed or mailed, the lead inspector can make a short trip to the site to obtain the information, or a licensee employee can arrange to drop it by the regional office. The inspection team will review this information and will request specific items from the lists which will need to be available for further review when the team arrives onsite.

The second group of documents requested are those items which the team has already determined that they wish to review and wish to have waiting for them on the first day of the inspection.

The lead inspector for this inspection is V. Patricia Lougheed. If there are any questions about the material requested, or the inspection in general, please do not hesitate to call Patricia at 630-829-9760, or to contact her by e-mail at [vpl@nrc.gov](mailto:vpl@nrc.gov).

In accordance with 10 CFR 2.790 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  
Mechanical Engineering Branch  
Division of Reactor Safety

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

Enclosure: Initial Document Request

cc w/encl: Site Vice President - Quad Cities Nuclear Power Station  
Quad Cities Nuclear Power Station Plant Manager  
Regulatory Assurance Manager - Quad Cities  
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  
M. Aguilar, Assistant Attorney General  
Illinois Department of Nuclear Safety  
State Liaison Officer, State of Illinois  
State Liaison Officer, State of Iowa  
Chairman, Illinois Commerce Commission  
W. Leach, Manager of Nuclear  
MidAmerican Energy Company

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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  
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Operating Group  
Document Control Desk - Licensing  
Vice President - Law and Regulatory Affairs  
Mid American Energy Company  
M. Aguilar, Assistant Attorney General  
Illinois Department of Nuclear Safety  
State Liaison Officer, State of Illinois  
State Liaison Officer, State of Iowa  
Chairman, Illinois Commerce Commission  
W. Leach, Manager of Nuclear  
MidAmerican Energy Company

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## Initial Document Request

### I. Information Requested Expeditiously

The following information is requested to be provided as soon as possible, but no later than November 18, 2002.

- One copy each of the administrative procedure(s) governing the identification and resolution of problems, operability determinations, root cause analysis
- A list of Nuclear Oversight audits and self assessments performed since June 1, 2001
- A list of systems either currently considered as maintenance rule (a)(1) systems or those which have been removed from (a)(1) status in the last quarter
- A list of the top ten risk significant systems
- A list of the top ten risk significant components
- A list of all significant condition reports (level 1 or 2) issued since June 1, 2001
- A list of all root cause evaluations issued since June 1, 2001
- A list of all operability evaluations or determinations performed since June 1, 2001
- A list of all condition reports involving human performance errors since June 1, 2001
- A list of all condition reports involving corrective action problems since June 1, 2001
- A list of all condition reports involving operator work-arounds (including those where operator work-arounds were part of the solution) since June 1, 2001
- A list of all condition reports involving temporary modifications (including those where temporary modifications were part of the solution) since June 1, 2001
- A list of all condition reports where the issues were identified by the NRC since June 1, 2001

### II Information Requested to be Available to the Inspectors At the Beginning of the Inspection

- A list of Corrective Action Program routine meetings, times and places
- A copy of each of the most recent Nuclear Oversight audits, surveillances, or self assessments of the corrective action program, the maintenance and work control program, operations area, and the engineering area
- A copy of the most recent minutes for onsite and offsite committee review meetings
- Copies of the corrective actions taken in response to the following condition reports:

80755	Battery Room Ventilation Air Handling Unit Drive Belt Failures Should Have Been Counted as MPFFs
88737	Incorrect Protective Action Recommendation During Dec. 2001 Drill
88870	Minor Error in ERO Participation Data for October 2001
89028	PI Assessment Concerns for Three Mini-Drills in Nov. 2001
90937	Drawing Error on 3-Way Valve (M-22; M-69)
91766	RHRSW Load is Different in QCOA 6100-03, 04 (SBO)

91837	Errors Identified on DGCW P&IDs M-22 Sht 5 & M-69 Sht 5
91880	Reduced Seismic Criteria Used to Qualify RHRSW Piping
92983	UFSAR Discrepancy 75% Minimum Motor Start Voltage
93012	Inconsistencies in UFSAR Section 3.4.1.2.1.2 Regarding RHRSW Vault Flood Protection
93016	Ultimate Heat Sink Instrument Uncertainties
93115	Calculation Qualification of Turned-down RHRSW Pump Anchor Bolts
93281	MCC Voltages in Degraded Volt Calculations
93308	Discrepancies Between ELMS and Voltage Calculations
93336	Op Evaluation for 1A RHR HX Leak Needs Enhancement
93368	IST Data Shows Higher Suction Losses for U1 DGCW/ RHRSW Pumps
93385	Different RHRSW Suction Minimum Water Level Values in Calculation and QCOA 0010-14
93394	CREVS Degraded Voltage Procedure Load Shedding Discrepancy
93444	RHRSW Vault Room Cooler Leak Operability Evaluation Inadequate Follow-up
95280	Failure to Adequately Determine the Cause of the 1995 2A Standby Liquid Control System Pump Trip
100473	Incorrect/incomplete Risk Assessment for HPCI Planned Maintenance
101320	Failure to Ensure the HPCI System Was Operable Prior to Exceeding 150 psig Reactor Pressure
102133	Corrected Error in ANS Data Provided by Contractor
104321	Failure to Complete Parts Evaluation Addressing the Change in Design Prior to Installing Hose Clamps
106480	Downward Trend in ERO Participation Data in Spring 2002
112360	Failure of Admin SRO to Participate in Shift Turnover
Q2000-04468	Inadequate Fill and Vent Surveillance Performed on High Pressure Coolant Injection Resulting in Air in Discharge Piping
Q2001-01312	Failure to Include Performance Indicator Data
Q2001-01338	Potential Common Cause Inoperability of EDG Fuel Oil Transfer System
Q2001-02135	Unplanned Spread of Contamination
Q2001-02142	Dose Rates in 2A RHR Room Subgrating
Q2001-02518	Potential Common Cause Inoperability of Emergency Diesel Generator Fuel Oil Transfer System
Q2001-02901	Failure to Have Adequately Sized Standby Liquid Control System
Q2001-03091	SRO Rotation Requirements of TQ-AA-106 Not Met During Annual Dynamic Exam