October 20, 2003

Mr. John L. Skolds
President and Chief Nuclear Officer
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: FOLLOW-UP OF AN INSPECTION OPEN ITEM RELATED TO THE DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3, AND QUAD CITIES NUCLEAR POWER STATION, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION

Dear Mr. Skolds:

By letter dated January 3, 2003, Exelon Generation Company, LLC (EGC) submitted, for the Nuclear Regulatory Commission's (NRC's) review, an application pursuant to 10 CFR Part 54, to renew the operating license for the Dresden Nuclear Power Station (DNPS), Units 2 and 3, and Quad Cities Nuclear Power Station (QCNPS), Units 1 and 2. As part of the NRC's review process, the NRC conducted the scoping/screening inspection during the period of July 28 - August 1, 2003. An inspection report documenting the results of the inspection was issued on September 15, 2003.

The inspection identified an open item that requires additional information in order for the NRC staff to complete its review. Specifically, the enclosed request for additional information is related to the applicant's methodology for establishing system boundaries where nonsafety-related piping was attached to the safety-related piping.

We have discussed this request with Messrs. R. Stachniak and F. Polaski of your staff on October 1, 2003. The staff is willing to meet with EGC prior to the submittal of the responses to provide clarifications of the staff's RAIs.

Sincerely,

/***RA***/

Tae Kim, Senior Project Manager
License Renewal Section A
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos.: 50-237, 50-249, 50-254,
and 50-265

Enclosure: As stated

cc w/enclosure: See next page

October 20, 2003

Mr. John L. Skolds
President and Chief Nuclear Officer
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: FOLLOW-UP OF AN INSPECTION OPEN ITEM RELATED TO THE DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3, AND QUAD CITIES NUCLEAR POWER STATION, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION

Dear Mr. Skolds:

By letter dated January 3, 2003, Exelon Generation Company, LLC (EGC) submitted, for the Nuclear Regulatory Commission's (NRC's) review, an application pursuant to 10 CFR Part 54, to renew the operating license for the Dresden Nuclear Power Station (DNPS), Units 2 and 3, and Quad Cities Nuclear Power Station (QCNPS), Units 1 and 2. As part of the NRC's review process, the NRC conducted the scoping/screening inspection during the period of July 28 - August 1, 2003. An inspection report documenting the results of the inspection was issued on September 15, 2003.

The inspection identified an open item that requires additional information in order for the NRC staff to complete its review. Specifically, the enclosed request for additional information is related to the applicant's methodology for establishing system boundaries where nonsafety-related piping was attached to the safety-related piping.

We have discussed this request with Messrs. R. Stachniak and F. Polaski of your staff on October 1, 2003. The staff is willing to meet with EGC prior to the submittal of the responses to provide clarifications of the staff's RAIs.

Sincerely,
/***RA***/
Tae Kim, Senior Project Manager
License Renewal Section A
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos.: 50-237, 50-249, 50-254,
and 50-265

Enclosure: As stated

DISTRIBUTION: See next page

*See Previous Concurrence

Document Name: C:\ORPCheckout\FileNET\ML032940056.WPD
Accession No: **ML032940056**

OFFICE	LA:RLEP:DRIP	PM:RLEP:DRIP	SC:DIPM*	SC:EMEB:DE*	SC:RLEP:DRIP
NAME	YEdmonds	TKim	DThatcher	KManoly	SLee
DATE	10/20/2003	10/20/2003	10/17/2003	10/17/2003	10/20/2003

OFFICIAL RECORD COPY

DISTRIBUTION: Follow-up of an Inspection Open Item Re: Dresden, Units 2 and 3 and quad Cities, Units 1 and 2 Renewal Application: Dated: October 20, 2003

ML032940056

HARD COPY

RLEP RF
T. Kim

E-MAIL:
PUBLIC
J. Craig
D. Matthews
F. Gillespie
RidsNrrDe
R. Barrett
E. Imbro
G. Bagchi
K. Manoly
W. Bateman
J. Calvo
C. Holden
H. Nieh
H. Walker
S. Black
B. Boger
D. Thatcher
G. Galletti
C. Li
J. Moore
R. Weisman
M. Mayfield
A. Murphy
S. Smith (srs3)
T. Kobetz
C. Munson
RLEP Staff

L. Rossbach
C. Lyon
M. Ring, RIII

Dresden and Quad Cities Nuclear Power Stations

cc:

Site Vice President - Quad Cities Nuclear Power Station
Exelon Generation Company, LLC
22710 206th Avenue N.
Cordova, IL 61242-9740

Quad Cities Nuclear Power Station Plant Manager
Exelon Generation Company, LLC
22710 206th Avenue N.
Cordova, IL 61242-9740

Regulatory Assurance Manager - Quad Cities
Exelon Generation Company, LLC
22710 206th Avenue N.
Cordova, IL 61242-9740

Quad Cities Resident Inspectors Office
U.S. Nuclear Regulatory Commission
22712 206th Avenue N.
Cordova, IL 61242

William D. Leech
Manager - Nuclear
MidAmerican Energy Company
P.O. Box 657
Des Moines, IA 50303

Vice President - Law and Regulatory Affairs
MidAmerican Energy Company
One River Center Place
106 E. Second Street
P.O. Box 4350
Davenport, IA 52808

Chairman
Rock Island County Board of Supervisors
1504 3rd Avenue
Rock Island County Office Bldg.
Rock Island, IL 61201

Regional Administrator
U.S. NRC, Region III
801 Warrenville Road
Lisle, IL 60532-4351

Document Control Desk-Licensing
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Senior Vice President - Nuclear Services
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Vice President - Engineering
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Chief Operating Officer
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Director - Licensing
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Senior Counsel, Nuclear
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Manager Licensing - Dresden and Quad Cities
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Robert E. Stachniak
Sr. Engineer - License Renewal Prog.
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Mr. Fred Emerson
Nuclear Energy Institute
1776 I Street, N.W., Suite 400
Washington, DC 20006-3708

Site Vice President - Dresden Nuclear
Power Station
Exelon Generation Company, LLC
6500 N. Dresden Road
Morris, IL 60450-9765

Dresden Nuclear Power Station Plant
Manager
Exelon Generation Company, LLC
6500 N. Dresden Road
Morris, IL 60450-9765

Regulatory Assurance Manager - Dresden
Exelon Generation Company, LLC
6500 N. Dresden Road
Morris, IL 60450-9765

Dresden Resident Inspectors Office
U.S. Nuclear Regulatory Commission
6500 N. Dresden Road
Morris, IL 60450-9766

Chairman
Grundy County Board
Administration Building
1320 Union Street
Morris, IL 60450

Illinois Department of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, IL 62704

Vice President - Licensing and
Regulatory Affairs
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

Frederick W. Polaski
Manager - License Renewal Program
Exelon Generation Company, LLC
200 Exelon Way, KSA 1-N-3
Kennett Square, PA 19348

DRESDEN AND QUAD CITIES
LICENSE RENEWAL APPLICATION
FOLLOWUP OF INSPECTION OPEN ITEM
(50-237; 50-249; 50-254; 50-265/03-04-01)
REQUEST FOR ADDITIONAL INFORMATION

Open Item (50-237; 50-249; 50-254; 50-265/03-04-01)

The subject open item is described below:

> The applicant's methodology for establishing system boundaries where nonsafety-related piping was attached to safety-related piping was not consistent with the guidance provided by the NRC staff in the interim staff guidance letter. Specifically, the applicant developed the concept of an "equivalent anchor" which included restraints at multiple locations rather than the traditional definition of an "anchor" as a three dimensional, six degrees of freedom restraint (pipe displacements and pipe rotations) at the same physical location. This was considered an open item pending evaluation by the Office of Nuclear Reactor Regulation technical staff.

Please clarify whether or not the subject methodology is consistent with the applicable plants' current licensing basis (CLB). In your response, please identify the applicable CLB. If the methodology is not supported by the plants' CLB, then provide justification and/or references to demonstrate that failure of the nonsafety-related piping that was excluded from the scope of license renewal will not adversely impact the safety-related portion of the piping system in accordance with 10 CFR 54.4(a)(2).