

September 16, 2005

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

SUBJECT: DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3, AND QUAD CITIES
NUCLEAR POWER STATION, UNITS 1 AND 2 - ALTERNATIVE SOURCE
TERM AMENDMENT REQUEST (TAC NOS. MB6530, MB6531, MB6532, AND
MB6533)

Dear Mr. Crane:

By letter dated October 10, 2002, Exelon Generation Company (Exelon) submitted an amendment request to support application of an alternative source term (AST) at Dresden Nuclear Power Station, Units 2 and 3, and Quad Cities Nuclear Power Station, Units 1 and 2. In response to staff requests for additional information (RAIs), Exelon provided supplements to the October 2002 application on March 21, March 28, August 4, September 15, October 31, 2003, June 30, August 6, September 3, September 10, September 22, November 2, November 5, 2004, and March 3, August 22, and September 3, 2005.

The staff held a public meeting with Exelon representatives on August 29 and 30, 2005, at the NRC offices to discuss the August 22, 2005, response to the NRC staff's RAI transmitted in a July 22, 2005 letter. The summary of this meeting, dated September 12, 2005, may be found in ADAMS under accession number ML052510437. In the August 22 submittal and as discussed at the August 29 and 30th meeting, Exelon made extensive revisions to the calculations for all four design basis accidents (loss-of-coolant accident, fuel handling accident, control rod drop accident, and main steam line break accident) involved in the amendment review.

Given the extent of the revisions and re-analyses involved, the staff has decided to re-start its review of this license amendment application with the receipt of the August 22, 2005, Exelon RAI response letter. This letter documents the closure of the above TAC numbers. The NRC staff will continue its review using TAC numbers MC8275, MC8276, MC8277, and MC8278.

C. Crane

-2-

If you have comments or questions regarding this matter, please contact me at 301-415-2277.

Sincerely,

/RA by KJabbour for/

Maitri Banerjee, Senior Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

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

cc: See next page

C. Crane

-2-

September 16, 2005

If you have comments or questions regarding this matter, please contact me at 301-415-2277.

Sincerely,

/RA by KJabbour for/

Maitri Banerjee, Senior Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

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

cc: See next page

Distribution

PUBLIC

PDIII-2 R/F

RidsNrrDlpmLpdiii2 (GSuh)

RidsNrrLAPCoates

RidsNrrDlpmLpdiii (HNieh)

RidsPmMBanerjee

OGCRp

RidsAcrsAcnwMailCenter

RidsNrrDlpmDpr

Accession No.: ML052520398

OFFICE	PDIII-1/PM	PDIII-1/LA	PDIII-1/SC	PDIII/D
NAME	KJabbour for MBanerjee	PCoates	GSuh	GSuh for HNieh
DATE	9/15/05	9/15/05	9/16/05	9/16/05

Official Record Copy

Dresden and Quad Cities Nuclear Power Stations

cc:

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

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

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

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

Illinois Emergency Management
Agency
Division of Disaster Assistance &
Preparedness
110 East Adams Street
Springfield, IL 62701-1109

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 of Operations - Mid-West
Boiling Water Reactors
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

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

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

Associate General Counsel
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

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

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

Dresden and Quad Cities Nuclear Power Stations

- 2 -

cc:

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

David C. Tubbs
MidAmerican Energy Company
One River Center Place
106 E. Second, P.O. Box 4350
Davenport, IA 52808-4350

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