

May 18, 2005

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

SUBJECT: COMMITMENTS AND PLANS RELATED TO EXTENDED POWER UPRATE  
OPERATION

Dear Mr. Crane:

This refers to Exelon Generation Company, LLC (EGC), Letter RS-05-064, dated May 13, 2005, which provides your commitments regarding operation of the Quad Cities Nuclear Power Station Units 1 and 2, and Dresden Nuclear Power Station Units 2 and 3 at extended power uprate (EPU) conditions. Your letter referenced your five previous commitment letters on this subject dating from 2003 and noted that a large portion of the actions associated with the previous commitments had been completed. The NRC staff has followed these actions through inspections, evaluations, and public meetings with Exelon staff, culminating in a management meeting on May 4, 2005, in NRC Headquarters which was open to public observation. Attachment 1 to your letter provided the remaining commitments supporting EPU operation for the Dresden and Quad Cities units, superceded the previous commitment letters, and represented your commitments in their entirety. Additionally, Attachment 2 provided the Quad Cities Unit 2 Power Ascension Test Procedure for the Reactor Vessel Steam Dryer Replacement.

The NRC staff has conducted a review of the information in your May 13, 2005, letter. We understand your commitments include that you will provide frequent feedback to the NRC staff on steam dryer monitoring during Quad Cities Unit 2 power ascension testing following replacement of the steam dryer to EPU power levels and during subsequent EPU operation. Your commitments stated that you will submit the detailed evaluations from the Unit 2 power ascension data collection to the NRC within 60 days of data collection at 930 Mwe or the maximum reactor thermal power level achieved. We also understand that you will provide extensive feedback to the NRC staff on continued steam dryer loading analysis and on the start up testing and EPU operation of Quad Cities Unit 1 following steam dryer replacement. Your commitments also stated that you would submit the detailed evaluations from Unit 1 to the NRC within 60 days following reaching full power on Unit 1 with the replacement steam dryer installed. We understand that commitments for the monitoring of the two Dresden units at EPU power levels, inspection of the steam dryers during refueling outages, and attempting to locate and retrieve the Unit 2 sample probe continue. Your commitment Number 7 stated that where

evaluations or inspections described in your letter indicated significant potential degradation of the steam dryer, Exelon Generation Company would take appropriate actions up to and including shutting down the applicable unit. Lastly, we understand that Exelon Generation Company commits to meet with NRC management by August 31, 2005, and to voluntarily return the affected Quad Cities units to pre-EPU power levels within 14 days, if NRC management leading the meeting is not satisfied with the results and conclusions of your evaluations.

We have no objections with your proceeding as described in your May 13, 2005, letter. We look forward to reviewing the results of the Quad Cities testing and discussing those results with your staff.

If you have any questions regarding this matter, please contact Mark Ring of my staff at (630) 829-9703.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, and any responses you provide will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System (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/**

Steven A. Reynolds, Deputy Director  
Division of Reactor Projects

Docket Nos. 50-237; 50-249; 50-254; 50-265  
License Nos. DPR-19; DRP-25; DPR-29; DPR-30

**See Attached Distribution**

DOCUMENT NAME: E:\Filenet\ML051390211.wpd

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	RIII	RIII	NRR	RIII
NAME	ABarker:dtp	MRing	A Mohseni*via email per MAR	SReynolds
DATE	05/18/05	05/18/05	05/18/05	05/18/05

**OFFICIAL RECORD COPY**

cc: Site Vice President - Quad Cities Nuclear Power Station  
Site Vice President - Dresden Nuclear Power Station  
Dresden Nuclear Power Station Plant Manager  
Quad Cities Nuclear Power Station Plant Manager  
Regulatory Assurance Manager - Quad Cities  
Regulatory Assurance Manager - Dresden  
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 Department of Nuclear Safety  
State Liaison Officer, State of Illinois  
State Liaison Officer, State of Iowa  
Chairman, Illinois Commerce Commission  
D. Tubbs, Manager of Nuclear  
MidAmerican Energy Company

ADAMS Distribution:

GYS

MXB

LWR

RidsNrrDipmlipb

GEG

KGO

DRC1

KKB

DRPIII

DRSIII

PLB1

JRK1