

August 14, 2006

EA-06-081

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

SUBJECT: ACKNOWLEDGMENT OF RESPONSE TO FINAL SIGNIFICANCE  
DETERMINATION LETTER DATED JUNE 29, 2006, FOR A WHITE FINDING  
AND NOTICE OF VIOLATION (NRC INSPECTION REPORT  
05000456/2006012; 05000457/2006012), BRAIDWOOD NUCLEAR POWER  
PLANT, UNITS 1 AND 2.

Dear Mr. Crane:

The NRC acknowledges the receipt of your letter dated July 28, 2006. In your letter, you concurred with the violations that resulted from multiple failures to adequately evaluate the radiological hazards associated with the leaks from the circulating water blowdown line vacuum breakers and to assess the environmental impact of the resultant onsite and offsite tritium contamination. You indicated that the cause of the violations was a lack of integrated procedural guidance and weak managerial oversight. Your letter also provided information about enhancements to procedures and programs that either have been made or will be taken to preclude the occurrence of this type of error.

The NRC is currently reviewing your response. After our review is completed, we will use the response to determine the scope of the 95001 inspection mandated by the Reactor Oversight Program in response to the White finding. We anticipate conducting this inspection in the fourth quarter of 2006.

If you have any questions regarding this letter, please contact Mr. Steven Orth, Team Leader, Plant Support Team at (630) 829-9827.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter 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),

accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

**/RA by Anne Boland Acting For/**

Cynthia Pederson, Director  
Division of Reactor Safety

Docket Nos. 50-456; 50-457  
License Nos. NPF-72 and NPF-77

cc: Site Vice President - Braidwood Station  
Plant Manager - Braidwood Station  
Regulatory Assurance Manager - Braidwood Station  
Chief Operating Officer  
Senior Vice President - Nuclear Services  
Vice President - Operations Support  
Vice President - Licensing and Regulatory Affairs  
Director Licensing  
Manager Licensing - Braidwood and Byron  
Senior Counsel, Nuclear, Mid-West Regional  
Operating Group  
Document Control Desk - Licensing  
Assistant Attorney General  
Illinois Emergency Management Agency  
State Liaison Officer  
Chairman, Illinois Commerce Commission

accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

Cynthia Pederson, Director  
Division of Reactor Safety

Docket Nos. 50-456; 50-457  
License Nos. NPF-72 and NPF-77

- cc: Site Vice President - Braidwood Station
- Plant Manager - Braidwood Station
- Regulatory Assurance Manager - Braidwood Station
- Chief Operating Officer
- Senior Vice President - Nuclear Services
- Vice President - Operations Support
- Vice President - Licensing and Regulatory Affairs
- Director Licensing
- Manager Licensing - Braidwood and Byron
- Senior Counsel, Nuclear, Mid-West Regional  
Operating Group
- Document Control Desk - Licensing
- Assistant Attorney General
- Illinois Emergency Management Agency
- State Liaison Officer
- Chairman, Illinois Commerce Commission

ADAMS Distribution:

- DXC1
- RFK
- RidsNrrDirslrib
- GEG
- KGO
- SPR
- CAA1
- DRPIII
- DRSIII
- PLB1
- TXN

DOCUMENT NAME: G:\Work in Progress\BRDWD White Finding Acknowledgment Ltr.wpd  
To receive a copy of this document, indicate in the box: "C" = Copy without enclosure "E" = Copy with enclosure "N" = No copy

OFFICE	RIII		RIII		RIII			
NAME	JHouse for SOrth: Is		KO'Brien		ABoland for CPederson			
DATE	08/14/06		08/14/06		08/14/06			

**OFFICIAL RECORD COPY**