

March 23, 2005

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

SUBJECT: BYRON STATION, UNIT 1 AND BRAIDWOOD STATION, UNIT 1 - RESPONSE
TO GENERIC LETTER 2004-01, "REQUIREMENTS FOR STEAM
GENERATOR TUBE INSPECTIONS" (TAC NOS. MC4804 AND MC4802)

Dear Mr. Crane:

On August 30, 2004, the Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2004-01, "Requirements For Steam Generator Tube Inspections." The purpose of GL 2004-01 was to obtain information that would enable the NRC staff to determine whether licensee's steam generator (SG) tube inspection programs comply with the existing tube inspection requirements (the plant technical specifications in conjunction with Appendix B of Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50).

By letter dated October 29, 2004 (ML043060328), Exelon Generation Company, LLC (Exelon) responded to GL 2004-01 for Byron Station, Units 1 and 2 (Byron 1 and 2) and Braidwood Station, Units 1 and 2 (Braidwood 1 and 2). The NRC staff's review of Exelon's response to the GL for Byron 1 and Braidwood 1 did not identify any concerns with the inspection practices related to GL 2004-01 employed at those two units. The staff, therefore, concludes that Exelon's SG tube inspection practices related to GL 2004-01 for Byron 1 and Braidwood 1 are in compliance with the existing tube inspection requirements.

The responses for Byron 2 and Braidwood 2 remain under staff review and will be addressed in future correspondence. If you have any questions regarding this matter, please contact George Dick at (301) 415-3019.

Sincerely,

/RA/

George F. Dick, Sr. Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. STN 50-454 and STN 50-456

Byron/Braidwood Stations

cc:

Dwain W. Alexander, Project Manager
Westinghouse Electric Corporation
Energy Systems Business Unit
Post Office Box 355
Pittsburgh, PA 15230-0355

Joseph Gallo
Gallo & Ross
1025 Connecticut Ave., NW, Suite 1014
Washington, DC 20036

Howard A. Learner
Environmental Law and Policy
Center of the Midwest
35 East Wacker Dr., Suite 1300
Chicago, IL 60601-2110

U.S. Nuclear Regulatory Commission
Byron Resident Inspectors Office
4448 N. German Church Road
Byron, IL 61010-9750

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

Ms. Lorraine Creek
RR 1, Box 182
Manteno, IL 60950

Chairman, Ogle County Board
Post Office Box 357
Oregon, IL 61061

Mrs. Phillip B. Johnson
1907 Stratford Lane
Rockford, IL 61107

George L. Edgar
Morgan, Lewis and Bockius
1800 M Street, NW
Washington, DC 20036-5869

Attorney General
500 S. Second Street
Springfield, IL 62701

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

Byron Station Plant Manager
Exelon Generation Company, LLC
4450 N. German Church Road
Byron, IL 61010-9794

Site Vice President - Byron
Exelon Generation Company, LLC
4450 N. German Church Road
Byron, IL 61010-9794

U.S. Nuclear Regulatory Commission
Braidwood Resident Inspectors Office
35100 S. Rt. 53, Suite 79
Braceville, IL 60407

Chairman
Will County Board of Supervisors
Will County Board Courthouse
Joliet, IL 60434

Braidwood Station Plant Manager
Exelon Generation Company, LLC
35100 S. Rt. 53, Suite 84
Braceville, IL 60407-9619

Ms. Bridget Little Rorem
Appleseed Coordinator
117 N. Linden Street
Essex, IL 60935

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Docket Nos. STN 50-454 and STN 50-456

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