

June 2, 2005

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

SUBJECT: BYRON STATION, UNIT 2 AND BRAIDWOOD STATION, UNIT 2 -
RESPONSE TO GENERIC LETTER 2004-01, "REQUIREMENTS FOR STEAM
GENERATOR TUBE INSPECTIONS" (TAC NOS. MC4805 AND MC4803)

Dear Mr. Crane:

On August 30, 2004, the U.S. 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 the licensee's steam generator (SG) tube inspection programs comply with the existing tube inspection requirements (i.e., the plant Technical Specifications in conjunction with Appendix B to Title 10 of the *Code of Federal Regulations* Part 50).

By letter dated October 29, 2004 (ML043060328), Exelon Generation Company, LLC (Exelon), responded to GL 2004-01 for Byron Station 2 (Byron 2), and Braidwood Station, Unit 2 (Braidwood 2). The NRC staff's review of the response to the GL did not identify any concerns with the inspection practices employed at Byron 2 and Braidwood 2. Subsequent to the October 29, 2004, submittal, new industry information became available regarding steam generator tube degradation within the tubesheet. As a consequence, Exelon requested and the NRC granted a license amendment modifying the steam generator inspection program for Braidwood 2. Exelon informed the NRC that it intends to request a similar amendment for implementation at Byron 2 prior to the fall 2005 refueling outage. The NRC staff, therefore, concludes that Exelon's SG tube inspection practices are in compliance with the existing tube inspection requirements as related in the GL.

C. Crane

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Exelon's responses to GL 2004-01 for Byron 1 and Braidwood 1 were addressed in NRC letter dated April 21, 2005 (ML050400189).

If you have any questions regarding this matter, please contact George Dick at (301) 415-3019.

Sincerely,

/RA/

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

Docket Nos. STN 50-455 and STN 50-457

cc: See next page

C. Crane

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Byron/Braidwood Stations

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