

Exelon Generation Company, LLC www.exeloncorp.com
Byron Station
4450 North German Church Road
Byron, IL 61010-9794

May 17, 2002

LTR: BYRON 2002-0038
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United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

Byron Station, Unit 1 and Unit 2
Facility Operating License Nos. NPF-37 and NPF-66
NRC Docket Nos. STN 50-454 and STN 50-455

Subject: Notification of Modification Completion in Support of License Amendment to Revise Technical Specification Requirements Associated with the Boron Dilution Protection System (BDPS)

- References:
- 1) Letter from M. Chawla (USNRC) to O. D. Kingsley (Exelon Generation Company, LLC), "Issuance of Amendments (TAC Nos. MA9385, MA9386, MA9383, and MA9384)," dated April 6, 2001
 - 2) Letter from Richard P. Lopriore (Exelon Generating Company, LLC) to USNRC, "Notification of Modification Completion in Support of License Amendment to Revise Technical Specification Requirements Associated with the Boron Dilution Protection System," dated June 4 2001

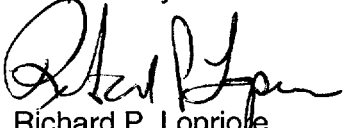
In reference 1, you requested notification of the completion of the BDPS modifications for each unit. In reference 2, we notified you in June 2001 of the completion of the modifications for Byron Station, Unit 2. This letter is notification of the completion of the modifications for Byron Station Unit 1. These modifications consist of two redundant Volume Control Tank (VCT) high level alarms and two new alarm annunciator windows in the Main Control Room titled "Boron Dilution Alert Channel A," and "Boron Dilution Alert Channel B." The Channel A alarm has inputs from the new VCT high level alarm and a new Reactor Coolant System letdown divert valve (i.e., 2CV112A) position indication. The Channel B alarm has inputs from the new VCT high level alarm and the existing neutron flux doubling channels.

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Should you have any questions concerning this letter, please contact Mr. William Grundmann,
Regulatory Assurance Manager, at (815) 406-2800.

Respectfully



Richard P. Lopriore
Site Vice President
Byron Nuclear Generating Station

RPL/JL/dpk

cc: Regional Administrator – NRC Region III
NRC Project Manager – NRR – Byron Station
NRC Senior Resident Inspector – Byron Station
Office of NRC Nuclear Facility Safety – Illinois Department of Nuclear Safety

bcc: Manager of Energy Practice – Winston & Strawn
Site Vice President – Byron Station
Vice President – Licensing & Regulatory Affairs
Director – Licensing
Manager, Licensing and Compliance – Braidwood & Byron Stations
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