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RS-02-203

November 26, 2002

United States Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

Braidwood Station, Units 1 and 2  
Facility Operating License Nos. NPF-72 and NPF-77  
NRC Docket Nos. STN 50-456 and STN 50-457

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

**Subject:** Response to Request for Additional Information Regarding a License Amendment Request to Modify the Method of Controlling Unfavorable Exposure Time Related to an Anticipated Transient Without Scram Event

**References:** (1) Letter from K. R. Jury (Exelon Generation Company, LLC) to NRC, "Request for a License Amendment to Modify the Method of Controlling Unfavorable Exposure Time Related to an Anticipated Transient Without Scram Event for Byron and Braidwood Stations," dated March 19, 2002

(2) Letter from George F. Dick, Jr., (NRC) to John L. Skolds (Exelon Generation Company, LLC), "Byron Station, Units 1 and 2, and Braidwood Station, Units 1 and 2 – Request for Additional Information Regarding Controlling Unfavorable Exposure Time Related to an ATWS Event," dated September 26, 2002

In the Reference 1, we requested changes to Appendix A, Technical Specifications, of Facility Operating License Nos. NPF-72, NPF-77, NPF-37 and NPF-66, for Braidwood Station, Units 1 and 2, and Byron Station, Units 1 and 2, respectively. The proposed change would revise the method of controlling the fuel cycle unfavorable exposure time (UET) related to an anticipated transient without scram (ATWS) event.

In Reference 2, the NRC requested that we provide additional information related to this proposed amendment within 60 days after receipt of the letter. The letter was received on September 30, 2002; therefore, a response is due to the NRC by November 29, 2002. Subsequent to receiving this request for additional information (RAI), a follow-up meeting was held on November 19, 2002, with members of the NRC and Exelon Generation Company, LLC (Exelon) to discuss a proposed approach to resolve the technical issues associated with UET as discussed in the RAI. At the conclusion of the meeting, it was agreed that a response to the

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RAI, as written, would not be required; rather, the NRC would provide Exelon with an alternate request for specific information and supporting analysis in the near future.

Should you have any questions regarding this submittal, please contact Mr. J. A. Bauer at (630) 657-2801.

Respectfully,



K. R. Jury  
Director – Licensing  
Midwest Regional Operating Group

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