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RS-01-055

March 26, 2001

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: Additional Information Supporting the License Amendment Request for Plant Specific Use of Best Estimate Large Break Loss of Coolant Accident Analysis at Byron and Braidwood Stations

Reference: Letter from R. M. Krich (Commonwealth Edison Company) to U.S.NRC, "Request for a License Amendment for Plant Specific Use of Best Estimate Large Break Loss of Coolant Accident Analysis," dated October 24, 2000

In the referenced letter, we submitted proposed changes to Appendix A, Technical Specifications (TS), 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 changes would allow the use of the Best Estimate Large Break Loss of Coolant Accident (BELOCA) analysis methodology at Byron and Braidwood Stations.

During a March 21, 2001, telephone conference call between members of the NRC and Exelon Generation Company (EGC), LLC, the NRC requested we confirm that processes are in place to validate future input values used in the BELOCA analysis methodology. In response to this request, we do confirm that EGC and its vendors have ongoing processes in place to assure that the Byron Station and Braidwood Station BELOCA analysis input values for parameters having an important affect on accident peak cladding temperature (PCT) bound the as-operated plant values for those parameters.

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Should you have any questions or concerns regarding this information, please contact Mr. J. A. Bauer at (630) 663-7287.

Respectfully,

A handwritten signature in black ink, appearing to read "R M Krich", written in a cursive style.

R. M. Krich  
Director – Licensing  
Mid-West Regional Operating Group

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