

RS-01-153

August 6, 2001

U. S. 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

Subject: Supplement to Request for Technical Specifications Change  
Revision to the Technical Specification 3.7.9, "Ultimate Heat Sink"

Reference: Letter from K. A. Ainger (Exelon Generation Company, LLC) to NRC Document  
Control Desk, "Request for Technical Specifications Change - Revision to the  
Technical Specification 3.7.9, Ultimate Heat Sink," dated August 2, 2001

In the Reference letter, in accordance with 10 CFR 50.90, "Application for amendment of license or construction permit," we proposed a temporary change to the Technical Specifications (TS) of Facility Operating License Nos. NPF-72 and NPF-77 for the Braidwood Station, Units 1 and 2. TS 3.7.9, "Ultimate Heat Sink (UHS)," Surveillance Requirement (SR) 3.7.9.2 verifies that the average water temperature of the UHS is  $\leq 100^{\circ}\text{F}$  every 24 hours. The proposed temporary change increases the limit of the average water temperature of the UHS from  $100^{\circ}\text{F}$  to  $102^{\circ}\text{F}$  through September 30, 2001.

This letter is to request that the proposed temporary change be processed on an exigent basis in accordance with 10 CFR 50.91 (a)(6), "Notice for public comment; State consultation." Weather forecasts predict prolonged hot weather in the area for the next several days, i.e., high temperatures, high humidity, no precipitation, and little cooling at night. As a result, the average water temperature of the UHS is predicted to exceed the current TS limit of  $100^{\circ}\text{F}$  this week. As stated in the Reference letter, there are no controllable measures that can be taken to immediately reduce the temperature of the UHS in that reduction of the heat input by derating the units would have a negligible short-term effect on the temperature of the UHS.

We request approval of the proposed change on an exigent basis as soon as possible to avoid a potential shutdown of Braidwood Station, Units 1 and 2. We request this change be made effective immediately upon issuance and we intend to implement this proposed temporary change upon issuance until its expiration on September 30, 2001.

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Should you have any questions concerning this letter, please contact Ms. Kelly M. Root at (630) 657-2820.

Respectfully,

A handwritten signature in black ink that reads "K. A. Ainger". The signature is written in a cursive style with a large, stylized initial "K".

K. A. Ainger  
Director - Licensing  
Mid-West Regional Operating Group

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