

Exelon Generation  
4300 Winfield Road  
Warrenville, IL 60555

www.exeloncorp.com

RS-07-114

August 2, 2007

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

LaSalle County Station, Units 1 and 2  
Facility Operating License Nos. NPF-11 and NPF-18  
NRC Docket Nos. 50-373 and 50-374

Subject: Additional Information Supporting Request for Emergency License Amendment to Technical Specification 3.7.3, "Ultimate Heat Sink"

- References:
1. Letter from D. M. Benyak (Exelon Generation Company, LLC) to U. S. NRC, "Request for a License Amendment to Technical Specification 3.7.3, 'Ultimate Heat Sink,'" dated June 29, 2007
  2. Letter from P. R. Simpson (Exelon Generation Company, LLC) to U. S. NRC, "Additional Information Supporting Request for a License Amendment to Technical Specification 3.7.3, 'Ultimate Heat Sink,' and Request for Processing on an Emergency Basis," dated August 1, 2007
  3. Letter from D. M. Benyak (Exelon Generation Company, LLC) to U. S. NRC, "Additional Information Supporting Request for Emergency License Amendment to Technical Specification 3.7.3, 'Ultimate Heat Sink,'" dated August 2, 2007

In Reference 1, as supplemented by References 2 and 3, Exelon Generation Company, LLC (EGC) requested a change to the Technical Specifications (TS) of Facility Operating License Nos. NPF-11 and NPF-18 for LaSalle County Station (LSCS), Units 1 and 2. The proposed change increased the maximum allowed TS temperature limit, contained in TS Surveillance Requirement 3.7.3.1, of the cooling water supplied to the plant from the Core Standby Cooling System (CSCS) pond (i.e., the Ultimate Heat Sink (UHS)) from 100 °F to 101.25 °F. The proposed change was based on a reduction in instrument uncertainty resulting from the replacement of the originally installed thermocouples with precision resistance temperature devices.

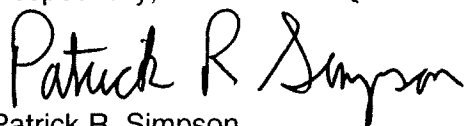
The Reference 2 submittal requested NRC approval of the emergency license amendment request by August 3, 2007. However, as discussed with the NRC, the most recent thermal model projection for UHS temperature indicates that the TS temperature limit will be exceeded on August 2, 2007. Therefore, EGC requests approval of the proposed change by August 2, 2007, rather than August 3, 2007. Once approved, the amendment will be implemented immediately upon issuance.

EGC has reviewed the information supporting a finding of no significant hazards consideration that was previously provided to the NRC in Attachment 2 of Reference 2. The information provided in this submittal does not affect the bases for concluding that the proposed license amendment does not involve a significant hazards consideration.

There are no regulatory commitments contained in this letter. Should you have any questions concerning this letter, please contact Ms. Alison Mackellar at (630) 657-2817.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 2nd day of August 2007.

Respectfully,

A handwritten signature in black ink that reads "Patrick R. Simpson". The signature is written in a cursive, flowing style.

Patrick R. Simpson  
Manager – Licensing