

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

August 9, 2005

LTR:        BYRON 2005-0094  
File:        1.10.0101

United States Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Byron Station, Unit 1  
Facility Operating License No. NPF-37  
NRC Docket No. STN 50-454

Subject:     Second Revision to Expected Supplemental Report Submittal Date for Licensee Event Report (LER) 454-2004-001-00, "Reactor Containment Fan Coolers Flow Rates Below Technical Specification Requirements Due to Inaccurate Flow Indication"

References:  1. Stephen E. Kuczynski to NRC Document Control Desk, Licensee Event Report (LER) 454-2004-001-00, "Reactor Containment Fan Coolers Flow Rates Below Technical Specification Requirements Due to Inaccurate Flow Indication," dated October 17, 2005

              2. Stephen E. Kuczynski to NRC Document Control Desk, Revision to Expected Supplemental Report Date for Licensee Event Report (LER) 454-2004-001-00, "Reactor Containment Fan Coolers Flow Rates Below Technical Specification Requirements Due to Inaccurate Flow Indication," dated April 29, 2005

In reference 2 above, we indicated we expected to submit a supplemental report to the LER (i.e., reference 1) in the July 2005 timeframe pending further investigation into the root cause of the inaccurate Unit 1 flow indication for the Reactor Containment Fan Coolers (RCFCs). As of this letter date, the root cause evaluation is still ongoing.

Cleaning and flushing of the instrumentation did not improve the inaccuracies of the flow measurements and consequently, instrument fouling was ruled out as a root cause. The evaluation is now focused on a possible design application error. Alternate flow measurements of the RCFCs will continue until a root cause is determined and corrective actions taken. We now expect to submit the supplemental report in early 2006.

BYRON 2005-0094

Page 2

August 9, 2005

If you have any questions regarding this matter, please contact William Grundmann, Regulatory Assurance Manager, at (815) 406-2800.

Respectfully,

A handwritten signature in black ink that reads "Stephen Kuczynski". The signature is written in a cursive style with a prominent initial 'S'.

Stephen E. Kuczynski  
Site Vice President  
Byron Nuclear Generating Station

SEDJL\rah