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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

March 22, 2013

Mr. Michael J. Pacilio  
President and Chief Nuclear Officer  
Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNITS 2 AND 3 -  
TRANSMITTAL OF DRAFT SAFETY EVALUATION FOR PROPOSED  
AMENDMENT RE: RELOCATION OF PRESSURE AND TEMPERATURE LIMIT  
CURVES TO THE PRESSURE AND TEMPERATURE LIMITS REPORT  
(TAC NOS. ME8535 AND ME8536)

Dear Mr. Pacilio:

By application dated April 27, 2012, as supplemented by letter dated October 15, 2012 (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML121230354 and ML12290A113, respectively), Exelon Generation Company, LLC (Exelon, the licensee), requested changes to the Technical Specifications (TSs) and Facility Operating Licenses for Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3. The proposed amendment would: (1) adopt a new methodology for preparation of the reactor coolant system pressure-temperature (P-T) limits, (2) relocate the P-T limits in the TSs to a new licensee-controlled document, the Pressure and Temperature Limits Report (PTLR), and (3) modify the TSs to add references to the PTLR.

Enclosed is the draft Safety Evaluation (SE) that the Nuclear Regulatory Commission (NRC) staff has prepared to support the proposed license amendment. Pursuant to Section 2.390 of Title 10 of the *Code of Federal Regulations* (10 CFR), we have made a preliminary determination that the enclosed draft SE does not contain proprietary information. However, since the NRC's review was based largely on review of proprietary information, the NRC staff requests that the licensee confirm that the draft SE does not contain any information that is considered proprietary. If you believe that any information is proprietary, please identify such information line-by-line and define the basis pursuant to the criteria of 10 CFR 2.390. The NRC staff requests that the licensee provide comments regarding the proprietary content in the draft SE within 5 business days from the date of this letter. The response timeframe was discussed with Mr. Tom Loomis of your staff on March 18, 2013.

Since the NRC review is not yet complete, this letter and the enclosure do not convey or represent an NRC staff position regarding the licensee's request. Should the amendment be approved, the NRC staff will issue a publicly available, nonproprietary version of the SE.

*Enclosure transmitted herewith contains  
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M. Pacilio

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If you have any questions regarding this matter, I may be reached at 301-415-1420.

Sincerely,

A handwritten signature in black ink, appearing to read "R B Ennis". The signature is written in a cursive style with a large initial "R" and "B".

Richard B. Ennis, Senior Project Manager  
Plant Licensing Branch I-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

Enclosure:  
Draft SE

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M. Pacilio

- 2 -

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*/ra/*

Richard B. Ennis, Senior Project Manager  
Plant Licensing Branch I-2  
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Cover letter: ML13079A190

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