

RS-04-097

June 30, 2004

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: Correction of Information Supporting License Amendment Request for
Activation of the Trip Outputs of the Oscillation Power Range Monitor System

Reference: Letter from Keith R. Jury (Exelon Generation Company, LLC) to U. S. NRC,
"License Amendment Request - Activation of the Trip Outputs of the Oscillation
Power Range Monitor System," dated March 26, 2004

In the referenced letter, Exelon Generation Company, LLC (EGC) requested changes to the Technical Specifications (TS), Appendix A, of Facility Operating License Nos. NPF-11 and NPF-18 for LaSalle County Station (LCS), Units 1 and 2 regarding the Oscillation Power Range Monitor (OPRM) Instrumentation.

An error has been identified in the information provided in the referenced letter regarding the conversion between effective full power hours and megawatt-days per metric ton uranium. In a teleconference on June 15, 2004, Mr. Allan R. Haeger of EGC notified Mr. D. V. Pickett of the NRC regarding the error. The occurrence of the error has been entered into the EGC corrective action program. The attachment to this letter provides a description of the conversion error, the corrected conversion, and the basis for concluding that the calibration frequency for the local power range monitors continues to be adequate to demonstrate the operability of the OPRM instrumentation.

EGC has concluded that the corrected information does not affect the information regarding no significant hazards consideration provided in the referenced letter.

If you have any questions, please contact Mr. Allan Haeger at (630) 657-2807.

Attachment

**Correction of Information Supporting License Amendment Request for
Activation of the Trip Outputs of the Oscillation Power Range Monitor System**

I declare under penalty of perjury that the foregoing is true and correct.

Respectfully,

Executed on 6/30/04

original signed by
Kenneth A. Ainger
Manager, Licensing

Attachment

Attachment

Correction of Information Supporting License Amendment Request for Activation of the Trip Outputs of the Oscillation Power Range Monitor System

In Reference 1, Exelon Generation Company, LLC (EGC) requested changes to the Technical Specifications (TS), Appendix A, of Facility Operating License Nos. NPF-11 and NPF-18 for LaSalle County Station (LCS), Units 1 and 2. The proposed changes incorporate into the TS the Oscillation Power Range Monitor (OPRM) Instrumentation. An error has been identified in the information provided in Reference 1.

Reference 1, Attachment 1, page 6, contains a paragraph that states the following.

"The TS changes in Reference 2 include an SR (SR 3.3.1.3.2) that requires calibration of the LPRMs every 1000 MWD/MTU. This value is bracketed in Reference 2, indicating that plant-specific information should be substituted. LCS TS, in SR 3.3.1.1.8, currently require this calibration and specify a frequency of 1000 effective full power hours (EFPH). The TS bases state that the 1000 EFPH frequency is based on operating experience with LPRM sensitivity changes. Since 1 EFPH equals approximately 0.9 MWD/MTU at LCS, the 1000 EFPH calibration frequency in the LCS SR is more frequent, and thus more conservative than the 1000 MWD/MTU calibration frequency specified in Reference 2. Thus, current SR 3.3.1.1.8 meets the intent of the SR for LPRM calibration in Reference 2, and is not required to be duplicated in proposed Section 3.3.1.3. The TS Bases for TS Sections 3.3.1.3 and 3.3.1.1 have been marked up to reflect that the LPRM calibration is required to demonstrate OPRM operability."

The statement in the above paragraph that one EFPH equals approximately 0.9 MWD/MTU (megawatt-days per metric ton uranium) at LCS is incorrect. The correct information is that one EFPH equals approximately 1.07 MWD/MTU for LCS, Unit 1 and approximately 1.08 for LCS, Unit 2. Thus, the statement that the proposed 1000 EFPH calibration frequency in the LCS surveillance requirement (SR) is more frequent, and thus more conservative than the 1000 MWD/MTU calibration frequency specified in Reference 2 is also incorrect.

Notwithstanding the above error, the current LCS TS frequency of 1000 EFPH as specified in SR 3.3.1.1.8 for calibration of the local power range monitors (LPRMs) is adequate to demonstrate operability of the OPRM instrumentation. As stated above, the frequency for LPRM calibration in Reference 2 is bracketed, indicating that plant-specific information should be substituted. The bases for LCS SR 3.3.1.1.8 state that the 1000 EFPH frequency is based on operating experience with LPRM sensitivity changes. The calibration frequency for the LPRMs for SR 3.3.1.1.8 is adequate to support operability of the reactor protection system instrumentation and is thus also adequate to support operability of the OPRM instrumentation.

References

1. Letter from Keith R. Jury (Exelon Generation Company, LLC) to U. S. NRC, "License Amendment Request - Activation of the Trip Outputs of the Oscillation Power Range Monitor System," dated March 26, 2004
2. Letter from U. S. NRC to R. A. Pinelli (BWR Owners' Group), "Acceptance of Licensing Topical Report CENPID-400-P, 'Generic Topical Report for the ABB Option III Oscillation Power Range Monitor,'" dated August 16, 1995