

10 CFR 50.4

RA09-052
May 22, 2009

U.S. Nuclear Regulatory Commission
Attention: Regional Administrator, Region III
2443 Warrenville Road
Suite 210
Lisle, IL 60532-4352

LaSalle County Station, Unit 2
Facility Operating License No. NPF-18
NRC Docket No. 50-374

Subject: Documentation of Teleconference Associated with the LaSalle County Station
Unit 2 Rod Control Management System

Reference: Teleconference between D. Wozniak (Exelon Generation Company, LLC) and
K. Reimer (U. S. NRC) on May 22, 2009

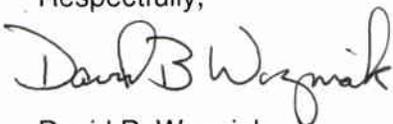
In the referenced teleconference, Exelon Generation Company, LLC (EGC) provided information to the U. S. NRC concerning operation of LaSalle County Station (LSCS), Unit 2 with the newly installed Rod Control Management System (RCMS). This letter is intended to document this information.

LSCS is on schedule to provide the NRC with a revised 10 CFR50.59 evaluation of the Unit 2 RCMS installation and the supporting AREVA analyses, by May 28, 2009.

In the event that Unit 2 is taken off-line prior to the completion of the NRC review of the materials provided above, EGC will contact NRC Region III prior to restarting the unit in order to discuss compensatory actions to safely permit operations below 15% power. These compensatory actions are described in the Attachment to this letter.

If you have any questions concerning this letter, please contact Mr. Terrence Simpkin at (815) 415-2800.

Respectfully,



David B. Wozniak
Site Vice President
LaSalle County Station

Attachment: LaSalle County Station Unit 2, RCMS Low Power Compensatory Measures

cc: Document Control Desk, U.S. Nuclear Regulatory Commission

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Attachment
LaSalle County Station Unit 2
RCMS Low Power Compensatory Measures

The low power analysis for multiple rod withdrawal has been completed and is currently under acceptance review. The analysis demonstrates significant margin to the fuel pin enthalpy threshold value of 170 cal/gm for fuel failures, and following review and acceptance the compensatory measures discussed below will no longer be required. LSCS is on track to provide the approved analysis to NRC Region III by May 28, 2009.

Compensatory Measures:

In the event of a plant trip or other event that requires the operation of Unit 2 at less than 15% power:

- A dedicated operator will be stationed to monitor CRD drive water flow. CRD drive water flow increasing from its normal zero value could result in undesired rod withdrawal. This is the earliest indication that rod movement is occurring, assuming that the worst-case postulated software failure also disables rod position feedback to the operators. Actions for the operator upon rising CRD drive water flow would be to lower CRD drive water pressure dP to less than 150 psid. Lower CRD drive pressure dP less than 150 psid will hydraulically prevent rod movement from occurring. The components necessary to perform that action are within the immediate reach of the dedicated operator (CRD pressure control valve and CRD flow control valve station). All of the indications/ components necessary to both diagnose and mitigate the event are completely diverse of the RCMS System.
- One of the RCMS Interface Modules will have its power removed. This provides an additional barrier to prevent processing of unintended gang rod withdrawal commands due to a postulated common mode software failure.