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

LaSalle County Station, Unit 1  
Renewed Facility Operating License No. NPF-11  
NRC Docket No. 50-373

Subject: Post Accident Monitoring Report

The attached report is submitted in accordance with LaSalle County Station, Unit 1 Technical Specifications (TS) 3.3.3.1, "Post Accident Monitoring (PAM) Instrumentation," and TS 5.6.6, "Post Accident Monitoring (PAM) Instrumentation Report." The report is required due to the inoperability of one testable check valve position indication for a period greater than the 30 day restoration time. Accordingly, this report is due on August 10, 2017.

There are no regulatory commitments contained in this letter. Should you have any questions concerning this letter, please contact Mr. Guy V. Ford, Jr., Regulatory Assurance Manager, at (815) 415-2800.

Respectfully,

A handwritten signature in black ink, appearing to read "William J. Trafton".

William J. Trafton  
Site Vice President  
LaSalle County Station

Attachment: LaSalle Unit 1 Post Accident Monitoring Report

cc: Regional Administrator – NRC Region III  
NRC Senior Resident Inspector – LaSalle County Station

## LaSalle Unit 1 Post Accident Monitoring Report

This report is submitted for LaSalle County Station, Unit 1 in accordance with Technical Specifications (TS) 5.6.6, "Post Accident Monitoring (PAM) Instrumentation Report." Additionally, TS 3.3.3.1, "Post Accident Monitoring (PAM) Instrumentation," requires two channels of Penetration Flow Path Primary Containment Isolation Valve (PCIV) position indication to be operable during plant operations in Modes 1 and 2.

On June 27, 2017, the position indication for one feedwater line outboard testable check valve was declared inoperable and TS 3.3.3.1, Condition A was entered, which requires restoration of the channel to operable status in 30 days. If TS 3.3.3.1, Condition A is not satisfied within 30 days, then TS 3.3.3.1, Condition B is entered. Exelon Generation Company, LLC has determined that the position indication cannot be restored with 30 days; therefore, TS 3.3.3.1, Condition B requires immediate initiation of action in accordance with TS 5.6.6 to submit a written report within 14 days outlining the preplanned alternate method of monitoring, the cause of the inoperability and the plans/schedule for restoring the instrument channel of the function to operable status.

### Description of Issue

On June 27, 2017, the light indication for the Unit 1 'A' feedwater line outboard testable check valve 1B21-F032A at Main Control Room (MCR) panel 1H13-P601 indicated dual position, while the valve's expected position was full open while at full-power conditions.

The check valve has passed its leak rate tests and checks as required for a PCIV. However, the valve did not pass its channel check for position indication. Therefore, the valve was declared inoperable for position indication in accordance with PAM TS 3.3.3.1, which requires the valve's position indication to be restored within 30 days.

Feedwater header flows matched, indicating the 1B21-F032A was full open as expected, and therefore its PCIV function is not impacted. Shift operations verified the feed flow by trending the plant process computer (PPC) points for feedwater 'A' and 'B' header flow, with no discrepancies noted. Both loops trended together within tolerance.

### Preplanned Alternate Method of Monitoring

The alternative method for monitoring the post-accident position of valve 1B21-F032A is the PPC Primary Containment Isolation System (PCIS) screen and analog PPC points B713 and B714 for Unit 1 A and B feedwater check valve flows, respectively.

### Cause of the Inoperable Condition

The cause of valve 1B21-F032A position indication malfunction is the limit switches, which require adjustment. Based on the flow indications observed, the valve remains fully functional. However, in order to perform the required surveillances for the closed indication of valve 1B21-F032A, the system is required to have no system flow. Further troubleshooting and repair of the limit switches were precluded while the plant is operating in Mode 1 with the feedwater system in service.

### Plans and Schedule for Restoration

The repair of the limit switches are scheduled for the first opportunity, in accordance with the station work control process, no later than the upcoming Unit 1 refueling outage L1R17 scheduled for February 2018.