



Byron Generating Station

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

Byron Station, Units 1 and 2  
Renewed Facility Operating License Nos. NPF-37 and NPF-66  
NRC Docket Nos. STN 50-454 and STN 50-455

Subject: 2015 Regulatory Commitment Change Summary Report

The purpose of this report is to provide the Exelon Generation Company, LLC (EGC) "Regulatory Commitment Change Summary Report" for Byron Station for commitment changes processed during the period from January 1, 2015 through December 31, 2015. Commitment changes are processed in accordance with Nuclear Energy Institute's (NEI) 99-04, Revision 0, "Guidance for Managing NRC Commitment Changes," dated July 1999 and associated implementing procedures. For the period from January 1, 2015 through December 31, 2015, there was one commitment change processed in accordance with NEI 99-04, Revision 0 and associated implementing procedures requiring NRC notification.

If you have any questions concerning this report, please contact Douglas Spitzer, Regulatory Assurance Manager at (815) 406-2800.

Respectfully,

A handwritten signature in black ink, appearing to read "Mark E. Kanavos", with a long horizontal flourish extending to the right.

Mark E. Kanavos  
Site Vice President  
Byron Generating Station

MEK/LZ/sg

Attachment

## ATTACHMENT

### BYRON STATION

#### REGULATORY COMMITMENT CHANGE SUMMARY REPORT FOR 2015

##### Original Document and Commitment:

NRC Generic Letter 89-13, Service Water System Problems Affecting Safety-Related Equipment, and ComEd letter dated January 29, 1990 from M.H. Richter to NRC (AR 10651).

Generic Letter 89-13 item I requires: Implementation and maintenance of an ongoing program of Surveillance and Control Techniques to significantly reduce the incidence of flow blockage problems as a result of biofouling. In response to this requirement, Byron Station, via above mentioned letter committed to a surveillance technique "A" which states in part "...quarterly scheduled SX Makeup Pump performance tests will identify significant fouling of piping between the RSH and the SX Cooling Tower." To enhance 0BVS 0.5-3.SX.1-1 a step will be added to record the pump discharge value throttle position required to achieve proper pump differential pressure and flow rate.

Commitment Change 09-008 and Exelon Generation Company letter dated March 1, 2010 from Daniel J. Enright to NRC revised the commitment to: Generic Letter 89-13 item I requires: Implementation and maintenance of an ongoing program of Surveillance and Control Techniques to significantly reduce the incidence of flow blockage problems as a result of biofouling. In response to this requirement, Byron Station, via corporate response committed to a surveillance technique "A" which states in part "...quarterly scheduled SX Makeup Pump performance tests will identify significant fouling of piping between the RSH and the SX Cooling Tower." Currently the 0SX029A/B are operated at locked full open and is documented in procedures, 0BVSR 5.5.8.SX.5-1/A/B and 0BOSR 5.5.8.SX.5-1/2C and an evaluation of a potential degraded condition is completed by trending pump differential pressure and flow rate for fouling or pump degradation.

##### Subject of Change:

Generic Letter 89-13 item I requires: Implementation and maintenance of an ongoing program of Surveillance and Control Techniques to significantly reduce the incidence of flow blockage problems as a result of biofouling. In response to this requirement, Byron Station, via corporate response committed to a surveillance technique "A" which states in part "...quarterly scheduled SX Makeup Pump performance tests will identify significant fouling of piping between the RSH and the SX Cooling Tower." A step has been added to, 0BOSR 5.5.8.SX.5-1/2C, Unit Zero Comprehensive Inservice Testing (IST) Requirements for Essential Service Water Makeup Pump 0A/0B to record the pump discharge value throttle position required to achieve proper pump differential pressure and flow rate.

##### Justifications for Change:

This changes the way in which this commitment is implemented back to the way it was originally implemented.

##### Status:

The commitment was changed under Commitment Change Number 15-011.