



# Constellation

Constellation Energy Generation, LLC (CEG)  
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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: 2022 Regulatory Commitment Change Summary Report

The purpose of this report is to provide the Constellation Energy Generation, LLC (CEG) "Regulatory Commitment Change Summary Report" for Byron Station for commitment changes processed during the period from January 1, 2022 through December 31, 2022. 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, 2022 through December 31, 2022, 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 Ms. Zoe Cox, Regulatory Assurance Manager at (815) 406-2800.

Respectfully,

Harris Welt  
Site Vice President  
Byron Station

HW/ZC/hh

## BYRON STATION

### 2022 REGULATORY COMMITMENT CHANGE SUMMARY REPORT

#### Original Document and Commitment:

NRC Bulletin 2003-01, Potential Impact of Debris Blockage on Emergency Sump Recirculation at Pressurized-Water Reactors

RS-04-100, Braidwood Station, and Byron Station response to request for additional information regarding NRC Bulletin 2003-01, dated July 15, 2004.

#### Subject of Change:

NRC Bulletin 2003-01 Commitment RAI Response of July 15, 2004. Perform formal evaluation to determine if sump water level indication (1/2LS-0940A and 1/2LS-941A) can be expected to be accurate and reliable in post-accident conditions.

#### Justification for Change:

EC 355002 performed an evaluation and determine sump water indication (1/2LS-0940A and 1/2LS-941A) cannot provide reliable level indication during post-accident conditions. EC 356569 was installed in response to GSI-191, "Assessment of Debris Accumulation on PWR Sump Pump Performance" and Generic Letter 2004-02, "Potential Impact of Debris Blockage on Emergency Recirculation During Design Basis Accidents at Pressurized-Water Reactors." 10 CFR 50.59 Evaluation 6G-06-003 performed the removal of sump level instruments 1/2LS-0940A and 1/2LS-941A.

#### Status

The Commitment was deleted under Commitment Change Number 21-002.