



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 19, 2023

Mr. David P. Rhoades
Senior Vice President
Constellation Energy Generation, LLC
President and Chief Nuclear Officer
Constellation Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: LIMERICK GENERATION STATION, UNIT NOS. 1 AND 2 – REVISED
ESTIMATED REVIEW COMPLETION DATE CONCERNING LICENSE
AMENDMENT REQUEST TO REPLACE EXISTING SAFETY-RELATED
ANALOG CONTROL SYSTEMS WITH A SINGLE DIGITAL PLANT
PROTECTION SYSTEM (EPID L-2022-LLA-0140)

Dear Mr. Rhoades:

By letter dated September 26, 2022 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML22269A569), as supplemented by letters dated August 12, 2022 (ML22224A149), November 29, 2022 (ML22333A817), February 8, 2023 (ML23039A140), February 15, 2023 (ML23046A265), March 30, 2023 (ML23089A323), April 5, 2023 (ML23095A222), May 23, 2023 (ML23143A342), and June 26, 2023 (ML23177A223), Constellation Energy Generation, LLC (Constellation), submitted license amendment requests (LARs) for Limerick Generation Station, Units 1 and 2 (Limerick) concerning replacement of existing safety-related analog control systems with a single digital plant protection system along with other changes.

The purpose of this letter is to inform Constellation that the U.S. Nuclear Regulatory Commission (NRC) staff has changed the estimates for level-of-effort needed to complete the schedule for the review of the LARs. The NRC staff has changed the estimates to account for the delays in submitting information that is necessary for the NRC to complete its review that Constellation identified in its letter dated May 23, 2023. Based on the information provided in your revised schedule for submitting supplemental information, the NRC staff's revised estimates for completing the review of the LARs are 7500 hours and October 31, 2024.

The revised estimates accounts for briefings to the Advisory Committee on Reactors Safeguards on the NRC staff review of the LARs. These estimates are subject to change if there are additional delays in submitting the information described in Constellation's letter dated May 23, 2023, significant changes in the proposed digital system described in the initial application, or unanticipated addition of scope to the review. If there are emergent complexities, emergent challenges, changes to LAR scope, or further delays in providing information, these may impact our estimated completion date level-of-effort or both.

D. Rhoades

- 2 -

If you have any questions, please contact the NRC project managers for these LARs, Michael Marshall at Michael.Marshall@nrc.gov or (301) 415-2871, and Nick Smith at Nicholas.Smith@nrc.gov or (301) 415-2509.

Sincerely,

/RA/

Michael L. Marshall, Jr., Senior Project Manager
Plant Licensing Branch 1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-352 and 50-353

cc: Listserv

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