

10 CFR 51

CCEC-25-006

October 31, 2025

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

Christopher M. Crane Clean Energy Center
Renewed Facility License No. DPR-50
NRC Docket No. 50-289

Three Mile Island Nuclear Station, Unit 2
Possession Only License No. DPR-73
NRC Docket No. 50-320

Subject: Christopher M. Crane Clean Energy Center, Environmental Report

- References:
1. Constellation Energy Generation, LLC Press Release: Constellation to Launch Crane Clean Energy Center, Restoring Jobs and Carbon-Free Power to The Grid"1 dated September 20, 2024
 2. Letter from David M. Gullott (Constellation Energy Generation, LLC) to U.S. Nuclear Regulatory Commission, "Regulatory Path to Reauthorize Power Operations" dated November 4, 2024 (ML24310A104)

On September 20, 2024, Constellation Energy Generation, LLC (CEG) announced the restart of Three Mile Island, Unit 1 (TMI-1) and its intent to change TMI-1's name to the Christopher M. Crane Clean Energy Center (Crane Clean Energy Center or CCEC) (Reference 1).

On November 4, 2024, CEG submitted a letter (Reference 2) to the NRC proposing a regulatory path to reauthorize power operations at CCEC consistent with IMC 2562, "Light-Water Reactor Inspection Program for Restart of Reactor Facilities Following Permanent Cessation of Power Operations." The regulatory pathway letter provides a discussion of the steps CEG contemplates for obtaining NRC authorization for resumption of power operations. The licensing actions required to return to the Operating Reactor Licensing Bases (ORLB), as described in Reference 2, include an Exemption Request from 10 CFR 50.82(a)(2) and three individual submittals to (1) restore the CCEC Operating License and Technical Specifications, (2) restore the CCEC Physical Security Plan (PSP) in accordance with 10 CFR 73, and (3) restore the CCEC Emergency Preparedness Program in accordance with 10 CFR 50.47.

CEG is submitting Enclosure 1, the Environmental Report, to support the NRC with the development of an Environmental Assessment (EA) and Finding of No Significant Impact (FONSI) for the CCEC restart. CEG requests notification of the completed EA/FONSI by November 30, 2026.

There are no regulatory commitments contained in this letter.

For questions related to this submittal, please contact Allison Stalker, Principal Environmental Specialist, at 267-533-5338 or via email at Allison.Stalker@constellation.com.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 31st day of October 2025.

Respectfully,

Moore, Dennis
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Digitally signed by Moore,
Dennis M
Date: 2025.10.29 12:15:55
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Dennis M. Moore
Senior Manager, Licensing
Constellation Energy Generation, LLC

Enclosure 1 – Crane Clean Energy Center Renewed Facility License, Applicant's Environmental Report

cc: w/Enclosure

NRC Regional Administrator – Region I
NRC Director, NRR – DORL
NRC Deputy Director, NRR – DORL
NRC Project Manager, NRR-DORL – Christopher M. Crane Clean Energy Center
NRC Project Manager, NMSS – Christopher M. Crane Clean Energy Center
Director, Bureau of Radiation Protection – Pennsylvania Department of Environmental
Protection
Chairman, Board of County Commissioners of Dauphin County
Chairman, Board of Supervisors of Londonderry Township