



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2056 WESTINGS AVENUE, SUITE 400
NAPERVILLE, IL 60563-2657

April 27, 2026

Christopher H. Mudrick
Senior Vice President
Constellation Energy Generation, LLC
President and Chief Nuclear Officer (CNO)
Constellation Nuclear
200 Energy Way, KSA-3N
Kennett Square, PA 19348

SUBJECT: CLINTON POWER STATION - NRC INITIAL LICENSE REEXAMINATION
REPORT 05000461/2026302

Dear Christopher Mudrick:

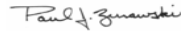
On April 15, 2026, the U.S. Nuclear Regulatory Commission (NRC) completed the initial operator licensing examination process for license applicants employed at your Clinton Power Station. The enclosed report documents the results of that examination. Preliminary observations noted during the examination process were discussed on April 15, 2026, with Jim Cotter, Training Senior Manager and other members of your staff. An exit meeting was conducted by teleconference on April 22, 2026, between Frank Paine, Site Vice President of your staff and James Nance, Senior Operator Licensing Examiner, to review the proposed final grading of the operating reexamination for the license re-applicant.

The NRC examiner administered an initial license reexamination operating test during the week of April 6, 2026. One Reactor Operator re-applicant was administered license reexaminations. The results of the examinations were finalized on April 22, 2026. One applicant passed all sections of their respective examinations. One was issued a reactor operator license effective April 22, 2026.

The as-administered operating test, as well as documents related to the development and review (outlines, review comments and resolution, etc.) of the examination will be withheld from public disclosure until April 15, 2028. The enclosure contains details of this report.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations*, Part 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,



Signed by Zurawski, Paul
on 04/27/26

Paul J. Zurawski, Chief
Operations Branch
Division of Operating Reactor Safety

Docket No. 50-461
License No. NPF-62

Enclosure:

1. Examination Report 05000461/2026302
2. Simulator Fidelity Report

cc: distribution via digital communications
platform
J. Cotter, Training Senior Manager

Letter to Christopher H. Mudrick from Paul J. Zurawski dated April 27, 2026.

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e-Concurrence case: 20260423-10022

U.S. NUCLEAR REGULATORY COMMISSION

REGION 3

Docket No: 50-461

License No: NPF-62

Report No: 05000461/2026302

Enterprise Identifier L-2026-OLL-0044

Licensee: Constellation Nuclear

Facility: Clinton Power Station

Location: Clinton. IL

Dates: April 7, 2026, to April 15, 2026

Examiners: J. Nance, Senior Operations Engineer, Chief Examiner

Approved by: Paul J. Zurawski, Chief
Operations Branch
Division of Operating Reactor Safety

SUMMARY OF FINDINGS

ER 05000461/2026302; April 7, 2026 – April 15, 2026; Constellation Nuclear, Clinton Power Station Initial License Reexamination Report.

The announced initial operator licensing reexamination was conducted by a regional Nuclear Regulatory Commission (NRC) examiner in accordance with the guidance of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 12.

Examination Summary:

One of one re-applicant passed all sections of their respective reexamination. One applicant was issued an operator license. (Section 4OA5.1).

REPORT DETAILS

40A5 Other Activities

.1 Initial Licensing Examinations

a. Examination Scope

The NRC examiner and members of the facility licensee's staff used the guidance prescribed in NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 12, to develop, validate, administer, and grade the operating test. Members of the facility licensee's staff developed the operating test outlines and developed the operating test. The NRC examiner validated the proposed examination during the week of April 6, 2026, with the assistance of members of the facility licensee's staff. During the on-site validation week, the examiner audited one license reapplication for accuracy. The NRC examiner, with the assistance of members of the facility licensee's staff, administered the operating test, consisting of dynamic simulator scenarios, on April 7, 2026.

b. Findings

(1) Operating Test

The NRC examiners determined that the operating test, as originally proposed by the licensee, was within the range of acceptability expected for a proposed examination. Less than 20 percent of the proposed operating test portion of the examination was determined to be unsatisfactory and required modification or replacement.

During the validation of the operating test, a modification was made to one of the dynamic simulator scenarios. The change made to the operating test portion of the examination, was made in accordance with NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," and documented on Form 2.3-3, "Operating Test Review Worksheet." The Form 2.3-3, the operating test outlines, and both the proposed and final as administered dynamic simulator scenarios, will be available electronically in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS on April 15, 2028, (ADAMS Accession Numbers for the following: Administrative Files ML26037A101, Examination Outlines ML26037A106, Proposed Exam ML26037A107, and As-Administered Exam ML26037A100 respectively)..

The NRC examiners completed operating test grading on April 22, 2026. Post examination analysis revealed no generic weaknesses in applicant performance

(2) Examination Results

One re-applicant at the Reactor Operator (RO) level was administered an operating test. One re-applicant passed all portions of their examinations and was issued their respective operating license on April 22, 2026.

.2 Examination Security

a. Scope

The NRC examiners reviewed and observed the licensee's implementation of examination security requirements during the examination validation and administration to assure compliance with Title 10 of the *Code of Federal Regulations*, Section 55.49, "Integrity of Examinations and Tests." The examiners used the guidelines provided in NUREG 1021, "Operator Licensing Examination Standards for Power Reactors," to determine acceptability of the licensee's examination security activities.

b. Findings

None.

4OA6 Meetings

.1 Debrief

The chief examiner presented the examination team's preliminary observations and findings on April 15, 2026, to Jim Cotter, Training Senior Manager and other members of the Clinton Power Station's Operations and Training Department staff.

.2 Exit Meeting

The chief examiner conducted an exit meeting on April 22, 2026, with Frank Paine, Site Vice President, by Microsoft Teams. The chief examiner asked the licensee whether any of the retained submitted material used to develop or administer the examination should be considered proprietary. No proprietary or sensitive information was identified during the examination or debrief/exit meetings.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee

J. Cotter, Training Senior Manager
C. Huang, Operations Training Manager
R. Ingalsbe, Facility Representative
M. Beeler, Regulatory Exam Author

U.S. Nuclear Regulatory Commission

J. Gewargis, Senior Resident Inspector
V. Rand, Resident Inspector
J. Nance, Chief Examiner

ITEMS OPENED, CLOSED, AND DISCUSSED

Opened, Closed, and Discussed

None

LIST OF ACRONYMS USED

ADAMS	Agencywide Document Access and Management System
NRC	U.S. Nuclear Regulatory Commission
RO	Reactor Operator
SRO	Senior Reactor Operator

SIMULATION FACILITY FIDELITY REPORT

Facility Licensee: Clinton Power Station

Facility Docket No: 50-461

Operating Tests Administered: April 7, 2026

The following documents observations made by the NRC examination team during the initial operator license examination. These observations do not constitute audit or inspection findings and are not, without further verification and review, indicative of non-compliance with 10 CFR 55.45(b). These observations do not affect NRC certification or approval of the simulation facility other than to provide information which may be used in future evaluations. No licensee action is required in response to these observations.

During the conduct of the simulator portion of the operating tests, the following items were observed:

ITEM	DESCRIPTION
SWR 0139980	RT Differential Flow Modification, Implement changes specified in EC 636711