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

August 11, 2026

Eric S. Carr
President Nuclear Operations and
Chief Nuclear Officer
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 29060

SUBJECT: NORTH ANNA POWER STATION – NRC OPERATOR LICENSE EXAMINATION REPORT 05000338/2026301, 05000339/2026301

Dear Eric S. Carr:

During the period June 8 - 11, 2026, the Nuclear Regulatory Commission (NRC) administered an operating examination to employees of your company who had applied for licenses to operate the North Anna Power Station. At the conclusion of the tests, the examiners discussed preliminary findings related to the operating tests and the written exam submittal with those members of your identified in the enclosed report. The written examination was administered by your staff on June 17, 2026.

Four Reactor Operator (RO) and five Senior Reactor Operator (SRO) applicants passed both the operating test and written examination. There was one post-administration comment concerning the written examination. The comment and the NRC resolution of the comment are summarized in Enclosure 2. A Simulator Fidelity Report is included in this report as Enclosure 3.

The initial examination submittal was within the range of acceptability expected for a proposed examination. All examination changes agreed upon between the NRC and your staff were made according to NUREG-1021, “Operator Licensing Examination Standards for Power Reactors,” Revision 12.

In accordance with 10 CFR 2.390 of the NRC’s “Rules of Practice,” a copy of this letter and its enclosures will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of the NRC’s document system (ADAMS). ADAMS is accessible from the NRC Website at http://www.nrc.gov/reading-rm.adams.html (the Public Electronic Reading Room).

If you have any questions concerning this letter, please contact me at (404) 997-5171.

Sincerely,

Signed by Chris Safouri on 08/11/26

Christopher Safouri, Acting Chief
Operator Licensing Branch
Division of Reactor Safety

Docket Nos: 50-338, 50-339
License Nos: NPF-4, NPF-7

Enclosures:
1. Examination Report
2. Facility Comments and NRC Resolutions
3. Simulator Fidelity Report

cc w/ encl: GovDelivery Subscriber

U.S. NUCLEAR REGULATORY COMMISSION
Examination Report

Docket No.:	50-338, 50-339
License No.:	NPF-4, NPF-7
Report No.:	05000338/2026301, 05000339/2026301
Enterprise Identifier:	L-2026-OLL-0016
Licensee:	Virginia Electric and Power Company (VEPCO)
Facility:	North Anna Power Station, Units 1 & 2
Location:	Mineral, VA
Dates:	Operating Test – June 8 - 11, 2026 Written Examination – June 17, 2026
Examiners:	V. Furr, Chief Examiner, Senior Operations Engineer D. Lanyi, Senior Operations Engineer J. Bundy, Senior Operations Engineer S. Choi, Operations Engineer
Approved by:	Christoher Safouri, Acting Chief Operator Licensing Branch Division of Reactor Safety

SUMMARY

ER 05000338/2026301, 05000339/2026301; operating test June 8 – 11, 2026 and written examination June 17, 2026; North Anna Power Station; Operator License Examinations.

Four Nuclear Regulatory Commission (NRC) examiners conducted operating examinations in accordance with the guidelines in Revision 12, of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors." This examination implemented the operator licensing requirements identified in 10 CFR §55.41, §55.43, and §55.45, as applicable.

The written examination outline was developed by the NRC. Members of the North Anna Power Station staff developed the operating test and written examination. The operating test and written examination submittals met the quality guidelines contained in NUREG-1021.

The NRC administered the operating test during the period June 8 – 11, 2026. Members of the North Anna training staff administered the written examination on June 17, 2026. Four Reactor Operator (RO) and five Senior Reactor Operator (SRO) applicants passed both the operating test and written examination. All nine applicants were issued licenses commensurate with the level of examination administered.

No findings were identified.

REPORT DETAILS

4. OTHER ACTIVITIES

4OA5 Operator Licensing Examinations

a. Inspection Scope

The NRC evaluated the submitted operating test by combining the scenario events and JPMs in order to determine the percentage of submitted test items that required replacement or significant modification. The NRC also evaluated the submitted written examination questions (RO and SRO questions considered separately) in order to determine the percentage of submitted questions that required replacement or significant modification, or that clearly did not conform with the intent of the approved knowledge and ability (K/A) statement. The percentage of submitted test items that were unacceptable was compared to the acceptance criteria of NUREG-1021, "Operator Licensing Standards for Power Reactors."

The NRC reviewed the licensee's examination security measures while preparing and administering the examinations in order to ensure compliance with 10 CFR §55.49, "Integrity of examinations and tests."

The NRC performed an audit of license applications during the preparatory site visit to confirm that they accurately reflected the subject applicants' qualifications in accordance with NUREG-1021.

The NRC administered the operating tests during the period June 8 - 11, 2026. The NRC examiners evaluated five Senior Reactor Operator (SRO) and four Reactor Operator (RO) applicants using the guidelines contained in NUREG-1021. Members of the North Anna Nuclear Plant training staff administered the written examination on June 17, 2026. Evaluations of applicants and reviews of associated documentation were performed to determine if the applicants, who applied for licenses to operate the North Anna Nuclear Plant, met the requirements specified in 10 CFR Part 55, "Operators' Licenses."

The NRC evaluated the performance or fidelity of the simulation facility during the preparation and conduct of the operating tests.

b. Findings

No findings were identified.

The NRC determined, using NUREG-1021, that the licensee's initial examination submittal was within the range of acceptability expected for a proposed examination.

Copies of all individual examination reports were sent to the facility Training Manager for evaluation of weaknesses and determination of appropriate remedial training.

The licensee submitted one post-examination comment.

4OA6 Meetings, Including Exit

Exit Meeting Summary

On July 30, 2026, the NRC examination team discussed generic issues associated with the operating test and written examination with Scott Hughes, Supervisor of Nuclear Training, and members of the North Anna Nuclear Plant staff. The examiners asked the licensee if any of the examination material was proprietary. No proprietary information was identified.

FACILITY COMMENTS AND NRC RESOLUTIONS

Written Exam

After conducting a post-examination review of the North Anna NRC Written Examination, one item was identified that required post examination comments. A complete text of the licensee's post-examination comment can be found in ADAMS under Accession Number ML26216A147.

Question 67:

Which of the choices below completes the following statements regarding catch containers in accordance with Guidance for Operations Department Activities?

Operations is responsible for placing and tracking ___(1)___.

Operations will track catch containers in the ___(2)___ program.

A. (1) secondary catch containers only
(2) ESOMs

B. (1) secondary catch containers only
(2) Equipment Status

C. (1) both primary and secondary catch containers
(2) ESOMs

D. (1) both primary and secondary catch containers
(2) Equipment Status

Facility Comment

Based on our post exam review, question 67 had a 77% miss rate (7 of 9 applicants incorrect). Of the incorrect responses, 6 applicants chose "B". Part 2 of question 67 is being challenged based ambiguity in interpretation, procedural basis for multiple answers, and supporting exam performance data. The goal of this challenge is to allow answers "A" and "B" to be accepted as correct.

The question stem does not clearly define whether the response should be based on the programmatic level (Equipment Status Program) or the system/tool level (ESOMs Computer Tracking Program). This lack of specificity allows for multiple reasonable interpretations. From a programmatic level, Secondary Catch Containers fall under the Equipment Status Program. From a system/tool level, Secondary Catch Containers are tracked within the ESOMs Computer Program. Due to the ambiguity in the question stem and in light of the multiple interpretations, we suggest both answers "A" and "B" are correct. Since these answers do not conflict with one another, we suggest the answer key be changed to allow use of either answer.

NRC Resolution

The comment stated the word "program" could be interpreted as a computer program like ESOMs or a procedural/administrative program such as the Configuration Control/Equipment Status Program. The question itself was asking for the appropriate computer program for catch container tracking. The ambiguity in the question is due to a lack of specificity in the question answers. The question analysis for 67 states that the "Equipment Status" is referring to the Equipment Status Database. However, "Database" was left off the answers in the exam answer choices. This omission could lead to the word "program" in the question having multiple interpretations as either a computer program or an administrative or procedural program.

The question analysis for 67 states the operations procedures require secondary catch containers are to be tracked within the ESOMs Computer Program. This makes ESOMS the correct answer for part 2 of the question. Additionally, the question analysis states, the Equipment Status Database is used by Operations to track many things, including Temporary Modifications, Abnormal Status, and Heat Trace; but is not used for catch containers. Therefore, the Equipment Status is an incorrect answer and a plausible distractor.

However, OP-AA-100-1001 Attachment 1, “Equipment Status, Information Magnets and Lead Shifts” states: Secondary Leakage Catch Containers list the catch containers used to control equipment leakage. Therefore, the “Equipment Status” program does encompass secondary catch containers. The interpretation of word “program” as an overall site administrative or procedural program would therefore make B a correct answer as well.

Given the fact that the word “Database” was omitted from Equipment Status for the possible answers, it is reasonable to interrupt the word “program” as computer program making A correct or administrative/procedural program making B a correct answer. This determination is consistent with NUREG-1021, ES-4.4, Section C, Step 3.c and 3.e, given the question did not provide all the necessary information to ensure the applicant understood the intent of the question and the two correct answers do not contain conflicting information.

SIMULATOR FIDELITY REPORT

Facility Licensee: North Anna Power Station

Facility Docket No.: 50-338, 50-339

Operating Test Administered: June 8-11, 2026

This form is to be used only to report observations. These observations do not constitute audit or inspection findings and, without further verification and review in accordance with Inspection Procedure 71111.11 are not indicative of noncompliance with 10 CFR 55.46. No licensee action is required in response to these observations.

While conducting the simulator portions of the operating test, examiners observed sufficient simulator fidelity. No performance deficiencies were observed during administration of the operating test.