



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

August 9, 2017

Mr. David B. Hamilton
Site Vice President
FirstEnergy Nuclear Operating Company
Perry Nuclear Power Plant
Reg Affairs–A210
10 Center Road, P.O. Box 97
Perry, OH 44081–0097

**SUBJECT: PERRY NUCLEAR POWER PLANT – NRC INITIAL LICENSE REEXAMINATION
REPORT 05000440/2017302**

Dear Mr. Hamilton:

On July 19, 2017, the U.S. Nuclear Regulatory Commission (NRC) completed the initial operator licensing reexamination process for a license applicant employed at your Perry Nuclear Power Plant. The enclosed report documents the results of the reexamination. An exit meeting was conducted on July 19, 2017, between you, other members of your staff, and Mr. Randal Baker, Chief Operator Licensing Examiner, to review observations noted during the examination process as well as the proposed final grading of the operating test reexamination.

The NRC examiner administered the initial license reexamination operating test during the week of July 17, 2017. One Senior Reactor Operator-Upgrade applicant was administered the reexamination. The results of the reexamination were finalized on July 31, 2017. The applicant passed all components of the walk-through portion of the operating test reexamination, and was issued a senior operator license.

The reexamination, as well as documents related to the development and review (outlines, proposed examinations, review comments and resolution, etc.) of the examination will be withheld from public disclosure for 24 months, until July 19, 2019.

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* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA Michael Bielby Acting for/

Robert J. Orlikowski, Chief
Operations Branch
Division of Reactor Safety

Docket No. 50-440
License No. NPF-58

Enclosures:

1. OL Examination Report 05000440/2017302
2. Simulation Facility Fidelity Report

cc: Distribution via LISTSERV®
P. Boissoneault, Training Manager,
Perry Nuclear Power Plant

Letter to David Hamilton from Robert Orlikowski dated August 9, 2017

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REPORT 05000440/2017302

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No: 50-440
License No: NPF-58

Report No: 05000440/2017302

Licensee: FirstEnergy Nuclear Operating Company

Facility: Perry Nuclear Power Plant

Location: North Perry, Ohio

Dates: July 17 – July 19, 2017

Inspector: R. Baker, Senior Operations Engineer - Chief Examiner

Approved by: R. Orlikowski, Chief
Operations Branch
Division of Reactor Safety

SUMMARY

Examination Report 05000440/2017302; 07/17/2017 – 07/19/2017; FirstEnergy Nuclear Operating Company; Perry Nuclear Power Plant; Initial License Reexamination Report.

The announced initial operator licensing reexamination was conducted by regional U.S. Nuclear Regulatory Commission examiners in accordance with the guidance of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 10.

Examination Summary

The Senior Reactor Operator-Upgrade applicant passed all components of the walk-through portion of the operating test reexamination, and was issued a senior operator license. (Section 4OA5.1).

REPORT DETAILS

4OA5 Other Activities

.1 Initial Licensing Examinations

a. Examination Scope

The U.S. Nuclear Regulatory Commission (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 10, to develop, validate, administer, and grade the operating test reexamination. This reexamination consisted of only the walk-through portion of the operating test; the simulator scenario portion of the operating test, as well as the written examination, were successfully completed during the initial license examination and were therefore waived for this reexamination. Members of the facility licensee's staff prepared the outline and developed the walk-through portion of the operating test reexamination. The NRC examiner validated the proposed examination during the week of July 17, 2017, with the assistance of members of the facility licensee's staff. During the on-site validation, the examiner audited the license re-application for accuracy. The NRC examiner, with the assistance of members of the facility licensee's staff, administered the operating test reexamination on July 18, 2017.

b. Findings

(1) Operating Test

The NRC examiner determined that the walk-through portion of the operating test reexamination, as originally proposed by the licensee, was within the range of acceptability expected for a proposed examination. Changes made to the reexamination, documented in a document titled, "Operating Test Comments," as well as the final as-administered walk-through portion of the operating test, will be available, on July 19, 2019, electronically in the NRC Public Document Room or from the Publicly Available Records component of NRC's Agencywide Document Access and Management System.

The NRC examiner completed grading of the operating test on July 19, 2017.

(2) Examination Results

One Senior Reactor Operator-Upgrade applicant was administered the reexamination. The applicant passed all components of the walk-through portion of the operating test reexamination, and was issued a senior operator license on July 31, 2017.

.2 Examination Security

a. Scope

The NRC examiner 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

No findings were identified.

4OA6 Management Meetings

.1 Exit Meeting

The chief examiner conducted an exit meeting on July 19, 2017, with Mr. D. Hamilton, Site Vice President, and other members of the facility's Operations and Training organizations. Observations from the reexamination validation and administration were presented to the facility, and the facility verified that no post exam comments were identified for submission. The examiner presented the preliminary grading results, and asked the licensee whether any of the material used to develop or administer the examination should be considered proprietary. No proprietary or sensitive information was identified during the examination or exit meeting.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee

R. Torres, Fleet Exam Team
L. Vriezen, Initial Licensed Operator Training Supervisor
M. McFarland, Superintendent, Operations Training
P. Boissoneault, Training Manager
B. Blair, Operations Manager

U.S Nuclear Regulatory Commission

E. Sanchez, Senior Resident Inspector
J. Nance, Resident Inspector
R. Baker, Chief Examiner

ITEMS OPENED, CLOSED, AND DISCUSSED

Opened, Closed, and Discussed

None

LIST OF ACRONYMS USED

NRC U.S. Nuclear Regulatory Commission

SIMULATION FACILITY FIDELITY REPORT

Facility Licensee: Perry Nuclear Power Plant

Facility Docket No: 50-440

Operating Tests Administered: July 17, 2017 – July 18, 2017

The following documents observations made by the U.S. Nuclear Regulatory Commission (NRC) examiner team during the initial operator license reexamination. These observations do not constitute audit or inspection findings and are not, without further verification and review, indicative of non-compliance with Title10 of the *Code of Federal Regulations* 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
None	None