



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

April 18, 2019

Mr. Ed Burchfield, Jr.
Site Vice President, Oconee Nuclear Station
Duke Energy Carolinas, LLC
7800 Rochester Highway
Seneca, SC 29672-0752

SUBJECT: OCONEE NUCLEAR STATION – NRC EXAMINATION REPORT
05000269/2019301, 05000270/2019301, AND 05000287/2019301

Dear Mr. Burchfield:

During the period February 26-27, 2017, the Nuclear Regulatory Commission (NRC) administered a retake operating test to an employee of your company who had applied for a license to operate the Oconee Nuclear Station. At the conclusion of the test, the examiner discussed preliminary findings related to the operating test with those members of your staff identified in the enclosed report.

One Reactor Operator (RO) applicant passed the simulator scenario portion of the retake operating test. The entire JPM portion of the operating test and written examination were excused. There were no post-examination comments. One applicant was issued a license commensurate with the level of examination administered. A Simulator Fidelity Report is included in this report as Enclosure 2.

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 11.

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) 997-4528.

Sincerely,

/RA: Gerald J. McCoy for/

Eugene F. Guthrie, Chief
Operations Branch 2
Division of Reactor Safety

Docket Nos.: 50-269, 50-270, 50-287
License Nos.: DPR-38, DPR-47, DPR-55

Enclosures:

1. Report Details
2. Simulator Fidelity Report

cc: Distribution via Listserv

SUBJECT: OCONEE NUCLEAR STATION – NRC EXAMINATION REPORT
05000269/2019301, 05000270/2019301, AND 05000287/2019301 dated
April 18, 2019

DISTRIBUTION:

A. Goldau, RII, DRS

E. Guthrie, RII, DRS

* See previous page for concurrence

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE

ADAMS: Yes ACCESSION NUMBER: **ML19108A235** SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRS	RII:DRS				
SIGNATURE	AXG1	GJM1 for				
NAME	AGOLDAU	EGUTHRIE				
DATE	4/17/2019	4/ 18 /2019				
E-MAIL COPY?	YES NO	YES NO				

OFFICIAL RECORD COPY DOCUMENT NAME: G:\OLEXAMS\OCONEE EXAMINATIONS\RETAKE EXAM 2019-301\CORRESPONDENCE\OCONEE 2019-301 EXAM REPORT.DOCX

U.S. NUCLEAR REGULATORY COMMISSION

Examination Report

Docket No.: 50-269, 50-270, 50-287

License No.: DPR-38, DPR-47, DPR-55

Report No.: 05000269/2019301, 05000270/2019301, AND 05000287/2019301

Enterprise identifier: L-2019-OLL-0041

Licensee: Duke Energy Carolinas, LLC

Facility: Oconee Nuclear Station, Units 1, 2 and 3

Location: Seneca, SC

Dates: Operating Test – February 26-27, 2019

Examiners: Andreas Goldau, Chief Examiner, Operations Engineer

Approved by: Eugene F. Guthrie, Chief
Operations Branch 2
Division of Reactor Safety

SUMMARY

ER 05000269/2019301, 05000270/2019301, AND 05000287/2019301; retake operating test February 26-27, 2019; Oconee Nuclear Station, Units 1, 2 and 3; Operator License Examinations.

Nuclear Regulatory Commission (NRC) examiners conducted a retake examination in accordance with the guidelines in Revision 11 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 operating test was developed by the licensee.

The NRC administered the simulator scenario portion of the operating test during the period February 26-27, 2019. One Reactor Operator (RO) applicant passed the simulator scenario portion of the operating test. The entire JPM portion of the operating test and the written examination were excused. One applicant was issued a license commensurate with the level of examination administered.

There were no post-examination comments.

No findings were identified.

REPORT DETAILS

4. OTHER ACTIVITIES

4OA5 Operator Licensing Examinations

a. Inspection Scope

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

The NRC administered the simulator scenario portion of the operating test during the period February 26-27, 2019. The NRC examiner evaluated one Reactor Operator (RO) applicant using the guidelines contained in NUREG-1021. Evaluation of the applicant and review of associated documentation was performed to determine if the applicant, who applied for a license to operate the Oconee Nuclear Station, met the requirements specified in 10 CFR Part 55, "Operators' Licenses."

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

b. Findings

No findings were identified.

The licensee developed the operating test. All examination material was developed in accordance with the guidelines contained in Revision 11 of NUREG-1021. The NRC reviewed the proposed examination. Examination changes agreed upon between the NRC and the licensee were made per NUREG-1021 and incorporated into the final version of the examination materials.

One Reactor Operator (RO) applicant passed the simulator scenario portion of the operating test. The entire JPM portion of the operating test and the written examination were excused. One RO applicant was issued a license.

A copy of the individual examination report was sent to the facility Training Manager for evaluation of weaknesses and determination of appropriate remedial training.

The licensee submitted no post-examination comments.

4OA6 Meetings, Including Exit

Exit Meeting Summary

On February 27, 2019, the NRC examination team discussed generic issues associated with the operating test with Mr. Ed Burchfield, Vice President-ONS, and members of the Oconee Nuclear Station staff. The examiners asked the licensee if any of the examination material was proprietary, or if any of the examination material received should be withheld from public disclosure. No proprietary information was identified.

KEY POINTS OF CONTACT

Licensee personnel

E. Burchfield, Vice President - ONS
J. Steely, Training Manager
P. Fisk, Plant Manager - ONS
T. Doss, ILT Exam Team Supervisor
D. George, ILT Class Supervisor
R. Patterson, ILT Instructor
S. Lark, NRC Exam Author

NRC personnel

A. Goldau, Chief Examiner

SIMULATOR FIDELITY REPORT

Facility Licensee: Oconee Nuclear Station

Facility Docket No.: 05000269, 05000270, AND 058000287

Operating Test Administered: February 26-27, 2019

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.

No simulator fidelity or configuration issues were identified.