



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

January 20, 2012

Mr. William R. Gideon
Vice President
Progress Energy
H. B. Robinson Steam Electric Plant, Unit 2
3581 West Entrance Rd
Hartsville, SC 29550

SUBJECT: H.B. ROBINSON NUCLEAR STATION – NRC OPERATOR LICENSE
EXAMINATION REPORT – 05000261/2011302

Dear Mr. Gideon:

During the period of December 5 – 9, 2011, the Nuclear Regulatory Commission (NRC) administered operating tests to employees of your company who had applied for licenses to operate the H.B. Robinson Nuclear Station. At the conclusion of the tests, the examiners discussed preliminary findings related to the operating tests and the written examination submittal with those members of your staff identified in the enclosed report. The written examination was administered by your staff on December 13, 2011.

Three Reactor Operator (RO) and two Senior Reactor Operator (SRO) applicants passed both the operating test and written examination. Three RO applicants failed the written examination but passed the operating examination. There were no post-examination comments. A Simulator Fidelity Report is included in this report as Enclosure 2.

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 9, Supplement 1.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document

Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site 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) 997-4608.

Sincerely,

/RA/

Bruno L. Caballero, Acting Chief
Operations Branch 1
Division of Reactor Safety

Docket No.: 50-261
License No.: DPR-23

Enclosures:

1. Report Details
2. Simulator Fidelity Report

cc: w/encl (See page 3)

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☒ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☒ NON-SENSITIVE

ADAMS: ☒ Yes ACCESSION NUMBER: ML120230445

☒ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII:DRS	RII:DRS	RII:DRS				
SIGNATURE	RA	RA	RA				
NAME	MBATES	KSCHAAF	BCABALLERO				
DATE	1/20/2012	1/20/2012	1/20/2012				
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\OLEXAMS\ROBINSON EXAMINATIONS\INITIAL EXAM - 2011-302\CORRESPONDENCE\HB ROBINSON EXAM REPORT 2011-302 (MAB) REV 0.DOCX

cc w/encl:

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(cc w/encl cont 'd – See page 4)

(cc w/encl cont'd)

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U. S. NUCLEAR REGULATORY COMMISSION

REGION II

Docket No.: 05000261

License No.: DPR-23

Report No.: 05000261/2011302

Licensee: Carolina Power and Light Company

Facility: H. B. Robinson Steam Electric Plant, Unit 2

Location: Hartsville, SC 29550

Dates: Operating Tests – December 5 – 9, 2011
Written Examination – December 13, 2011

Examiners: M. Bates, Chief, Senior Operations Engineer
M. Riches, Operations Engineer
K. Schaaf , Operations Engineer
G. Callaway, Senior Reactor Technology Instructor
(Under Instruction)

Approved by: Bruno L. Caballero, Acting Chief
Operations Branch 1
Division of Reactor Safety

SUMMARY OF FINDINGS

ER 05000261/20011302; December 5 – 9, 2011, and December 13, 2011; H. B. Robinson Steam Electric Plant Unit No. 2; Licensed Operator Examinations.

Nuclear Regulatory Commission (NRC) examiners conducted an initial examination in accordance with the guidelines in Revision 9, Supplement 1, 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.

Members of the H. B. Robinson staff developed both the operating tests and the written examination.

The NRC administered the operating tests during the period of December 5 – 9, 2011. Members of the H. B. Robinson Steam Electric Plant training staff administered the written examination on December 13, 2011. Three Reactor Operator (RO) and two Senior Reactor Operator (SRO) applicants passed both the written examination and operating test. Three RO applicants passed the operating test but failed the written examination. Four applicants were issued licenses commensurate with the level of examination administered. One SRO applicant passed the operating test, but passed the written examination with an overall score between 80% and 82% and the SRO-only portion with a score between 70% and 74%. This applicant was issued a letter stating that he passed the examination and issuance of his license has been delayed pending any written examination appeals that may impact the licensing decision for his application.

There were no post-examination comments.

No findings were identified.

REPORT DETAILS

4. OTHER ACTIVITIES

4OA5 Operator Licensing Initial Examinations

a. Inspection Scope

Members of the H. B. Robinson Steam Electric Plant staff developed both the operating tests and the written examination. All examination material was developed in accordance with the guidelines contained in Revision 9, Supplement 1, of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors." The NRC examination team 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.

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 examiners evaluated six Reactor Operator (RO) and two Senior Reactor Operator (SRO) applicants using the guidelines contained in NUREG-1021. The examiners administered the operating tests during the period of December 5 - 9, 2011. Members of the H. B. Robinson Steam Electric Plant training staff administered the written examination on December 13, 2011. Evaluations of applicants and reviews of associated documentation were performed to determine if the applicants, who applied for licenses to operate the H. B. Robinson Steam Electric Plant, met the requirements specified in 10 CFR Part 55, "Operators' Licenses."

b. Findings

No findings were identified. The NRC determined, using NUREG-1021, that the licensee's examination submittal was within the range of acceptability expected for a proposed examination.

Three RO applicants and two SRO applicants passed both the written examination and operating test. Three RO applicants passed the operating test but failed the written examination. Four applicants were issued licenses commensurate with the level of examination administered.

One SRO applicant passed the operating test, but passed the written examination with an overall score between 80% and 82% and the SRO-only portion with a score between 70% and 74%. This applicant was issued a letter stating that he passed the examination and issuance of his license has been delayed pending any written examination appeals that may impact the licensing decision for his application.

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 did not submit any post-examination comments. A copy of the RO and SRO final written examinations and answer keys, with all changes incorporated may be accessed not earlier than January 29, 2014, two years after administration of the written exam, in the ADAMS system (ADAMS Accession Number(s) ML120090279 and ML120090291, respectively).

4OA6 Meetings

Exit Meeting Summary

On December 9, 2011, the NRC examination team discussed generic issues associated with the operating test with Mr. W. Gideon, Robinson Site Vice President, and members of his staff. The examiners asked the licensee if any of the examination material was proprietary. No proprietary information was identified.

PARTIAL LIST OF PERSONS CONTACTED

Licensee personnel

W. Gideon, Site Vice President
H. Curry, Manager – Training
D. Foster, Manager – Shift Operations
B. Houston, Radiation Protection Manager
D. Hoffman, Superintendent – Operations Work Management
K. Drown, Superintendent – Nuclear Oversight
R. Adams, Superintendent – Operations Training
J. Smith, Senior Operations Instructor
R. Moore, Senior Operations Instructor

SIMULATOR FIDELITY REPORT

Facility Licensee: H. B. Robinson Steam Electric Plant

Facility Docket No.: 05000261/2011302

Operating Test Administered: December 5 – 9, 2011

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.