



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

April 29, 2011

Mr. Robert J. Duncan II
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 – 05000261/2011301**

Dear Mr. Duncan:

During the period March 7 – 11, 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 March 22, 2011.

Three Reactor Operator (RO) and four Senior Reactor Operator (SRO) applicants passed both the operating test and written examination. One RO applicant and one SRO applicant 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

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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) 997-4550.

Sincerely,

/RA/

Malcolm T. Widmann, Chief
Operations Branch
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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cc: w/encl (See page 3)

Distribution w/encl:

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OFFICE	RII:DRS	RIV:DRS	RII: DRS	RII:DRS	RII: DRP		
SIGNATURE	RA	RA	RA	RA	RA		
NAME	R. Baldwin	R DeVercelly	M. Riches	M. Widmann	R. Musser		
DATE	04/28/2011	04/28/2011	04/28/2011	04/28/2011	04/29/2011		
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

cc w/encl:

Division of Radiological Health
TN Dept. of Environment & Conservation
401 Church Street
Nashville, TN 37243-1532

Sandra Threatt, Manager
Nuclear Response and Emergency
Environmental Surveillance
Bureau of Land and Waste Management
Department of Health and Environmental
Control
Electronic Mail Distribution

Robert J. Duncan II
Vice President
H.B. Robinson Steam Electric Plant, Unit 2
Progress Energy
Electronic Mail Distribution

Brian C. McCabe
Manager, Nuclear Oversight
Shearon Harris Nuclear Power Plant
Progress Energy
Electronic Mail Distribution

John Caves
Supervisor, Licensing/Regulatory Programs
H. B. Robinson Steam Electric Plant
Electronic Mail Distribution

Scott D. West
Superintendent Security
H. B. Robinson Steam Electric Plant
Progress Energy
Electronic Mail Distribution

Joseph W. Donahue
Vice President
Nuclear Oversight
Progress Energy
Electronic Mail Distribution

David T. Conley
Senior Counsel
Legal Department
Progress Energy
Electronic Mail Distribution

John H. O'Neill, Jr.
Shaw, Pittman, Potts & Trowbridge
2300 N. Street, NW
Washington, DC 20037-1128

Richard Haynes
Director, Division of Waste Management
Bureau of Land and Waste Management
S.C. Department of Health and
Environmental Control
Electronic Mail Distribution

Kelvin Henderson
General Manager
Nuclear Fleet Operations
Progress Energy
Electronic Mail Distribution

Thomas Cosgrove
Plant General Manager
H.B. Robinson Steam Electric Plant, Unit 2
Progress Energy
Electronic Mail Distribution

Donna B. Alexander
Manager, Nuclear Regulatory Affairs
(interim)
Progress Energy
Electronic Mail Distribution

Robert P. Gruber
Executive Director
Public Staff - NCUC
4326 Mail Service Center
Raleigh, NC 27699-4326

W. Lee Cox, III
Section Chief
Radiation Protection Section
N.C. Department of Environmental
Commerce & Natural Resources
Electronic Mail Distribution

Greg Kilpatrick
Operations Manager
H.B. Robinson Steam Electric Plant, Unit 2
Progress Energy
Electronic Mail Distribution

Progress Energy

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cc w/encl (continued)

Mark Yeager

Division of Radioactive Waste Mgmt.

S.C. Department of Health and Environmental Control

Electronic Mail Distribution

Public Service Commission

State of South Carolina

P.O. Box 11649

Columbia, SC 29211

Chairman

North Carolina Utilities Commission

Electronic Mail Distribution

Henry Curry

Training Manager

H.B. Robinson Steam Electric Plant, Unit 2

Progress Energy

Electronic Mail Distribution

Senior Resident Inspector

U.S. Nuclear Regulatory Commission

H. B. Robinson Steam Electric Plant

2112 Old Camden Rd

Hartsville, SC 29550

U. S. NUCLEAR REGULATORY COMMISSION

REGION II

Docket No.: 05000261

License No.: DPR-23

Report No.: 05000261/2011301

Licensee: Carolina Power and Light Company

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

Location: Hartsville, SC 29550

Dates: Operating Tests – March 7 – 11, 2011
Written Examination – March 22, 2011

Examiners: R. Baldwin, Chief, Senior Operations Engineer
M. Riches, Operations Engineer
R. DeVercelly, Senior Reactor Technology Instructor

Approved by: Malcolm T. Widmann, Chief
Operations Branch
Division of Reactor Safety

SUMMARY OF FINDINGS

ER 05000261/20011301; March 7 – 11, 2011, and March 22, 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 March 7 – 11, 2011. Members of the H. B. Robinson Steam Electric Plant training staff administered the written examination on March 22, 2011. Three Reactor Operator (RO) and four Senior Reactor Operator (SRO) applicants passed both the written examination and operating test. One RO applicant and one SRO applicant passed the operating test but failed the written examination. Five applicants were issued licenses 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 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 four Reactor Operator (RO) and five Senior Reactor Operator (SRO) applicants using the guidelines contained in NUREG-1021. The examiners administered the operating tests during the period of March 7 - 11, 2011. Members of the H. B. Robinson Steam Electric Plant training staff administered the written examination on March 22, 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 four SRO applicants passed both the written examination and operating test. One RO applicant and one SRO applicant passed the operating test but failed the written examination. Five applicants were issued licenses commensurate with the level of examination administered.

Two SRO applicants passed the operating test, but passed the SRO-only portion of the written examination with scores between 70% and 74%. Each of these applicants was issued a letter stating that they passed the examination and issuance of their license has been delayed pending any written examination appeals that may impact the licensing decision for their 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 March 28, 2013, two years after administration of the written exam, in the ADAMS system (ADAMS Accession Number(s) ML110840673 and ML110840677, respectively).

4OA6 Meetings

Exit Meeting Summary

On March 11, 2011, the NRC examination team discussed generic issues associated with the operating test with Mr. J. Cole, Manager, Shift Operations, 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

J. Conder, Initial Licensing Training Supervisor
J. Smith, Senior Operations Instructor
R. Moore, Senior Operations Instructor
J. Cole, Manager, Shift Operations
K. Dorn, Superintendent, Nuclear Operations Performance

NRC personnel

R. DeVercelly, Senior Reactor Technology Instructor

SIMULATOR FIDELITY REPORT

Facility Licensee: H. B. Robinson Steam Electric Plant

Facility Docket No.: 05000261/2011301

Operating Test Administered: March 7 – 11, 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.

While conducting the simulator portion of the operating test, examiners observed no simulator fidelity or configuration issues.