



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET SW SUITE 23T85
ATLANTA, GEORGIA 30303-8931**

September 26, 2002

Carolina Power & Light Company
ATTN: Mr. James Scarola
Vice President - Harris Plant
Shearon Harris Nuclear Power Plant
P. O. Box 165, Mail Code: Zone 1
New Hill, NC 27562-0165

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT - NRC EXAMINATION
REPORT 50-400/2002-301

Dear Mr. Scarola:

During the week of August 26, 2002, the Nuclear Regulatory Commission (NRC) administered operating examinations to employees of your company who had applied for licenses to operate the Shearon Harris Nuclear Power Plant. The enclosed report documents the examination results and findings which were discussed on August 28, 2002, with members of your staff. The written examination was administered by your staff on August 29, 2002.

The written examinations and operating tests were administered to four Senior Reactor Operator applicants and one Reactor Operator applicant. All applicants passed the written examinations. Three SRO applicants and one RO applicant passed the operating test. One SRO applicant failed the plant walk-through portion of the operating test. There were no post examination comments.

No findings of significance were identified.

In accordance with 10 CFR 2.790 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 NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,
/RA/
Michael E. Ernstes, Chief
Operator Licensing and
Human Performance Branch
Division of Reactor Safetyy

Docket No. 50-400
License No. NPF-63

Enclosures: (See page 2)

Enclosures: 1. Examination Report
2. Simulation Facility Report

cc w/encls:

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NUCLEAR REGULATORY COMMISSION

REGION II

Docket No.: 50-400

License No.: NPF-63

Report No.: 50-261/02-301

Licensee: Carolina Power & Light (CP&L)

Facility: Shearon Harris Nuclear Power Plant

Location: 5413 Shearon Harris Road
New Hill, NC 27562

Dates: Operating Test - August 26 - 28, 2002
Written Examinations - August 29, 2002

Examiners: George T. Hopper, Chief, Senior Operations Engineer
Kathleen O'Donohue, Senior Operations Engineer

Approved by: Michael E. Ernstes, Chief
Operator Licensing and Human Performance Branch
Division of Reactor Safety

SUMMARY OF FINDINGS

ER 05000261-02-301, Carolina Power and Light Company, Shearon Harris Nuclear Power Plant, licensed operator test.

The operator licensing initial examinations were developed by the licensee, reviewed by the NRC and administered by NRC examiners in accordance with the guidance of NUREG-1021, "Examiner Standards", Revision 8, Supplement 1. The examination implemented the operator licensing requirements of 10 CFR §55.41, §55.43, and §55.45. No significant issues were identified.

The NRC administered the operating test August 26 - 28, 2002. The licensee administered the written examinations on August 29, 2002. All applicants passed the written examinations. One RO applicant and three SRO applicants passed the operating test. One SRO applicant failed the plant walk through portion of the operating test. Four applicants were issued operator licenses commensurate with the level of examination administered. One SRO applicant's license was denied.

Report Details

4. OTHER ACTIVITIES (OA)

4OA5 Operator Licensing Initial Examinations

a. Inspection Scope

The licensee developed both the written examinations and the operating test in accordance with NUREG 1021, "Operator Licensing Examination Standards for Power Reactors," Revision 8, Supplement 1. The facility licensee's submittal was within the range of acceptability expected for a proposed examination. The NRC and licensee examination team reviewed the proposed examinations. Examination changes agreed upon between the NRC and the licensee were made according to NUREG-1021 and incorporated into the final version of the examination materials.

The NRC administered the approved operating test on August 26 - 28, 2002, to one RO applicant and four SRO applicants. The licensee staff administered the approved written examinations on August 29, 2002, to five applicants. The examiners reviewed the licensee examination security measures while preparing and administering the examinations to ensure examination security and integrity.

b. Issues and Findings

No findings of significance were identified.

Four applicants passed both the written examinations and operating test. One SRO applicant failed the plant walk-through portion of the operating test. Details of each applicant's deficiencies are described in the individual's examination report, Form ES-303-1, "Operator Licensing Examination Report." Copies of the evaluations have been forwarded under separate cover to the Training Manager in order to enable the licensee to evaluate these deficiencies and provide appropriate remedial training for those operators as necessary. Four applicants were issued operator licenses commensurate with the level of examination administered. One SRO applicant's license was denied.

The licensee did not submit any post-examination comments concerning the written examination. The written examinations and answer keys may be accessed in the ADAMS system (ADAMS Accession Number ML022670157 and ML022670133).

40A6 Meetings

Exit Meeting Summary

On August 28, 2002, the Chief Examiner discussed generic applicant performance and examination development issues with members of licensee management.

The inspectors asked the licensee whether any materials examined during the examination should be considered proprietary. No proprietary information was identified.

PARTIAL LIST OF PERSONS CONTACTED

Licensee

- A. Barbee, Superintendent - Operator Training
- T. Hobbs, Manager - Operations
- S. Mathews, Senior Nuclear Operator Training Instructor
- M. Monroe, Manager - Training
- A. Sylvester - Supervisor - Operator Initial Training
- T. Toler, Senior Nuclear Operator Training Instructor

SIMULATION FACILITY REPORT

Facility Licensee: Shearon Harris Nuclear Power Plant

Facility Docket No.: 50-400

Operating Tests Administered on: August 26 - 28, 2002

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, are not indicative of noncompliance with 10 CFR 55.45(b). These observations do not affect NRC certification or approval of the simulation facility other than to provide information that may be used in future evaluations. No licensee action is required in response to these observations.

While conducting the simulator portion of the operating tests, no simulation performance issues were noted.