



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

January 8, 2001

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: REACTOR AND SENIOR REACTOR OPERATOR INITIAL EXAMINATIONS
HARRIS NUCLEAR POWER PLANT - 50-400/00-301

Dear Mr. Scarola:

During the period December 11 - 15, 2000, the Nuclear Regulatory Commission (NRC) administered operating examinations to employees of your company who had applied for licenses to operate the Harris Nuclear Plant. At the conclusion of the examination, the examiners discussed the examination questions and preliminary findings with those members of your staff identified in the enclosed report. The written examination was administered by your staff on December 15, 2000.

Three of three Reactor Operator and two of three Senior Reactor Operator applicants passed both the written and operating examinations. A Simulation Facility Report is included in this report as Enclosure 2.

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 <http://www.nrc.gov/ADAMS/index.html> (the Public Electronic Reading Room).

Sincerely,
/RA/

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

Docket Nos.: 50-400
License Nos.: NPF-63

Enclosures: (See page 2)

Enclosures: 1. Report Details

2. Simulation Facility Report

cc w/encls:

Terry C. Morton, Manager
Performance Evaluation and
Regulatory Affairs CPB 9
Carolina Power & Light Company
Electronic Mail Distribution

Chris L. Burton
Director of Site Operations
Carolina Power & Light Company
Shearon Harris Nuclear Power Plant
Electronic Mail Distribution

Robert J. Duncan II
Plant General Manager--Harris Plant
Carolina Power & Light Company
Shearon Harris Nuclear Power Plant
Electronic Mail Distribution

Richard J. Field, Manager
Regulatory Affairs
Carolina Power & Light Company
Shearon Harris Nuclear Power Plant
Electronic Mail Distribution

Eric A. McCartney, Supervisor
Licensing/Regulatory Programs
Carolina Power & Light Company
Shearon Harris Nuclear Power Plant
Electronic Mail Distribution

William D. Johnson
Vice President & Corporate Secretary
Carolina Power & Light Company
Electronic Mail Distribution

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

Mel Fry, Director
Division of Radiation Protection
N. C. Department of Environmental
Commerce & Natural Resources

Electronic Mail Distribution

Peggy Force
Assistant Attorney General
State of North Carolina
Electronic Mail Distribution

Public Service Commission
State of South Carolina
P. O. Box 11649
Columbia, SC 29211

Chairman of the North Carolina
Utilities Commission
P. O. Box 29510
Raleigh, NC 27626-0510

Robert P. Gruber
Executive Director
Public Staff NCUC
P. O. Box 29520
Raleigh, NC 27626

Vernon Malone, Chairman
Board of County Commissioners
of Wake County
P. O. Box 550
Raleigh, NC 27602

Richard H. Givens, Chairman
Board of County Commissioners
of Chatham County
Electronic Mail Distribution

Tom Natale, Training Manager
Harris Energy & Environmental Center
Route 1, Box 327
New Hill, NC 27562-0291

Distribution w/encls:
 R. Laufer, NRR
 PUBLIC

OFFICE	RII:DRS	RII:DRS	RII:DRS	RII:DRS	RII:DRP	
SIGNATURE	/RA by M. Ernstes for/	/RA by M. Ernstes for/	/RA/	/RA/	/RA/	
NAME	RBaldwin:pmd	GSalyers	BHolbrook	MErnstes	BBonser	
DATE	01/08 /01	01/08 /01	01/08 /01	01/08 /01	01/08 /01	
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

NUCLEAR REGULATORY COMMISSION

REGION II

Docket Nos.: 50-400

License Nos.: NPF-63

Report No.: 50-400/2000-301

Licensee: Carolina Power & Light Company

Facility: Harris Nuclear Power Plant

Location: P. O. Box 165, Mail Code: Zone 1
New Hill, NC 27562-0165

Dates: Operating Tests - December 11 - 14, 2000
Written Examination - December 15, 2000

Examiners: Richard S. Baldwin, Chief, Senior Operations Engineer
Bobby L. Holbrook, Senior Project Engineer
Glen W. Salyers, Emergency Preparedness
Specialist/Operations Engineer

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

SUMMARY OF FINDINGS

Harris Nuclear Plant NRC Inspection Report 50-400/2000-301

During the period of December 11 - 14, 2000, NRC examiners conducted an announced operator licensing initial examination in accordance with Revision 8, Supplement 1 of "Operator Licensing Examination Standards for Power Reactors." This examination implemented the operator licensing requirements of 10 CFR §55.41, §55.43, and §55.45. No significant issues were identified.

Three Reactor Operator applicants and three Senior Reactor Operator applicants received written examinations and operating tests. The NRC administered the operating tests during the period December 11 - 14, 2000. The licensee administered the written examination on December 15, 2000. Three of three of the Reactor Operator (RO) and two of three of the Senior Reactor Operator (SRO) applicants passed both the written and operating examinations. One SRO applicant failed the operating examination.

Report Details

4. **OTHER ACTIVITIES**

4OA5 Inspection Scope

a. Scope

The NRC conducted a regular, announced operator licensing initial examination during the period of December 11 - 14, 2000. Three RO applicants and three SRO applicants received written and operating examinations. The examiners reviewed the licensee's training department's procedures and practices to ensure examination security and integrity.

b. Observations and Findings

The facility training staff developed the entire examination in accordance with NUREG-1021, Revision 8, Supplement 1. The examiners reviewed the proposed examination. Examination changes agreed upon between the NRC and the licensee were made according to NUREG-1021. The NRC administered the operating tests December 11 - 14, 2000. Your staff administered the approved written examination on December 15, 2000. There were no findings regarding examination security.

All three RO and two of three SRO applicants passed both examinations. 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.

The licensee did not submitted any post-examination comments concerning the written examination. The licensee submitted the as-given written examinations (ADAMS Accession Number ML010040258).

4OA6 Management Meetings

Exit Meeting Summary

The Chief Examiner presented the preliminary examination results to members of the licensee management on December 14, 2000. The licensee acknowledged the examination results presented.

The examiners 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

- D. Alexander, Manager - Nuclear Assessment
- A. Barbee, Superintendent - Operations Training
- C. Burton, Director - Site Operations
- B. Duncan, Plant General Manager
- T. Hobbs Manager - Operations
- W. Killete, RO Lead Instructor
- E. McCartney, Supervisor - Licensing
- M. Munroe, Superintendent - Operations Support
- M. Palmer, Manager - Shift Operations
- J. Scarola, Harris Nuclear Plant, Site Vice President
- A. Sylvester, Principle Specialist - Operations Initial Training
- L. Taylor, SRO Lead Instructor
- T. Toller, Instructor

SIMULATION FACILITY REPORT

Facility Licensee: Harris Nuclear Plant

Facility Docket No.: 50-400/2000-301

Operating Tests Administered on: December 11 - 14, 2000

This form is to be used only to report observations. These observations do not constitute audit or inspection findings and are not, without further verification and review, 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. While conducting the simulator portion of the operating tests, no fidelity or configuration items were observed.