



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

**REGION II
SAM NUNN ATLANTA FEDERAL CENTER
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ATLANTA, GEORGIA 30303-8931**

October 19, 2000

Virginia Electric and Power Company
ATTN: Mr. David A. Christian
Senior Vice President and
Chief Nuclear Officer
Innsbrook Technical Center - 2SW
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

**SUBJECT: REACTOR AND SENIOR REACTOR OPERATOR INITIAL EXAMINATIONS
SURRY POWER STATION - 50-280/00-301 AND 50-281/00-301**

Dear Mr. Christian:

During the period September 18 - 21, 2000, the Nuclear Regulatory Commission (NRC) administered operating examinations to employees of your company who had applied for licenses to operate the Surry Power Station Units 1 and 2. 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 September 14, 2000.

Five of six of the Reactor Operator and two of four of the 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.: 50-280, 50-281
License Nos.: NPF-32, NPF-37

Enclosures: (See page 2)

Enclosures: 1. Report Details
2. Simulation Facility Report

cc w/encls:

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| OFFICE | RII:DRS | RII:DRS | RII:DRS | RII:DRS | RII:DRS | RII:DRP |
| SIGNATURE | /RA/ | /RA by R. Baldwin for/ | /RA by M. Ernstes for/ | /RA by M. Ernstes for/ | /RA/ | /RA by L. Garner for/ |
| NAME | RBaldwin:pm | DCPayne | MMiller | SRose | MErnstes | BHaag |
| DATE | 10/19/2000 | 10/19/2000 | 10/19/2000 | 10/19/2000 | 10/19/2000 | 10/19/2000 |
| E-MAIL COPY? | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO |

NUCLEAR REGULATORY COMMISSION

REGION II

Docket Nos.: 50-280 and 50-281

License Nos.: NPF-32 and NPF-37

Report Nos.: 50-280/00-301 and 50-281/00-301

Licensee: Virginia Electric and Power Company

Facility: Surry Power Station

Location: Surry, VA

Dates: Operating Tests - September 18 - 21, 2000
Written Examination - September 14, 2000

Examiners: Richard S. Baldwin, Chief, Senior Operations Engineer
D. Charles Payne, Senior Operations Engineer
Mark Miller, Senior Operations Engineer
Steven D. Rose, Operations Engineer Trainee

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

SUMMARY OF FINDINGS

Surry Power Station NRC Inspection Report 50-280/00-301 and 50-281/00-301

During the period of September 18 - 21, 2000, NRC examiners conducted an announced operator licensing initial examination in accordance with the guidance of Examiner Standards, NUREG-1021, Revision 8. This examination implemented the operator licensing requirements of 10 CFR §55.41, §55.43, and §55.45. No significant issues were identified.

Six Reactor Operator applicants and four Senior Reactor Operator applicants received written examinations and operating tests. The NRC administered the operating tests during the period September 18 - 21, 2000. The licensee administered the written examination on September 14, 2000. Five of six of the Reactor Operator (RO) and two of four of the Senior Reactor Operator (SRO) applicants passed both the written and operating examinations. One Reactor Operator applicant failed the written examination, and two Senior Reactor Operator applicants failed the operating examination.

Report Details

Summary of Plant Status:

Unit 1 was at 100 percent power and Unit 2 was at 96 percent power due to coast down throughout the examination period.

4. OTHER ACTIVITIES

4OA5 Inspection Scope

a. Scope

The NRC conducted a regular, announced operator licensing initial examination during the period of September 18 - 21, 2000. Six RO applicants and four SRO applicants received written and operating examinations. The examiners reviewed your training department's procedures and practices to ensure examination security and integrity.

b. Observations and Findings

The facility training staff developed the written examination in accordance with NUREG-1021, Revision 8. The NRC developed the operating examination. The examiners reviewed the proposed written examination making modifications as needed. The NRC administered the operating tests September 18 - 21, 2000. Your staff administered the approved written examination on September 14, 2000. There were no findings regarding examination security.

Five of six RO and two of four 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 submitted four post-examination comments concerning the written examination (ADAMS Accession Number ML003756260). Review of the post-examination comments resulted in deletion of two questions and changing the answers for two additional questions (ADAMS Accession Number ML 003760788). The licensee submitted the as-given written examinations and the NRC revised the RO and SRO written examination answer keys accordingly (ADAMS Accession Number ML003757111).

4OA6 Management Meetings

Exit Meeting Summary

The Chief Examiner presented the preliminary examination results to members of licensee management on September 22, 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

R. Blount, Site Vice President
M. Gabriele, Supervisor, Operations Support
B. Garber, Licensing Engineer
P. Orrison, Senior Instructor, Nuclear Operations
K. Grover, Senior Instructor, Nuclear Operations
D. Llewellyn, Manager, Nuclear Training
B. Marshall, Senior Instructor, Nuclear Operations
R. Shoderholm, Senior Simulator Support Coordinator
R. Simmons, Supervisor, Nuclear Training
A. Stanley, Senior Instructor, Nuclear Operations
B. Stanley, Supervisor, Licensing
H. Warren, Senior Instructor, Nuclear Operations

SIMULATION FACILITY REPORT

Facility Licensee: Surry Power Station Units 1 and 2

Facility Docket Nos.: 50-338/2000-301 and 50-339/2000-301

Operating Tests Administered on: September 18 - 21, 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.