



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET, SW, SUITE 23T85  
ATLANTA, GEORGIA 30303-8931

March 8, 2006

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

SUBJECT: SURRY POWER STATION - NRC EXAMINATION REPORT 05000280/2006301  
AND 05000281/2006301

Dear Mr. Christian:

During the period January 23 - February 3, 2006, the Nuclear Regulatory Commission (NRC) administered operating tests 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 tests, the examiners discussed the tests and preliminary findings with those members of your staff identified in the enclosed report. The written examination was administered by your staff on February 8, 2006.

Five Reactor Operator (RO) and seven Senior Reactor Operator (SRO) applicants passed both the written examination and operating test. There were no post examination comments. A Simulation Facility Report is included in this report in Enclosure 2.

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).

Should you have any questions concerning this letter, please contact me at (404) 562-4647.

Sincerely,

**/RA By G. Laska For/**

James H. Moorman, III, Chief  
Operations Branch  
Division of Reactor Safety

Docket Nos.: 50-280, 50-281  
License Nos.: DPR-32, DPR-37

Enclosures: (See page 2)

VEPCO

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Enclosures: 1. Report Details  
2. Simulation Facility Report

cc w/encls:

Chris L. Funderburk, Director  
Nuclear Licensing and  
Operations Support  
Virginia Electric & Power Company  
Electronic Mail Distribution

Donald E. Jernigan  
Site Vice President  
Surry Power Station  
Virginia Electric & Power Company  
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U. S. NUCLEAR REGULATORY COMMISSION

REGION II

Docket Nos.: 50-280, 50-281

License Nos.: DPR-32, DRP-37

Report No.: 05000280/2006301 and 05000281/2006301

Licensee: Virginia Power Company (VEPCO)

Facility: Surry Power Station, Units 1 & 2

Location: 5850 Hog Island Rd.  
Surry, VA 23883

Dates: Operating Tests - January 23 - February 3, 2006  
Written Examination - February 8, 2006

Examiners: R. Aiello, Chief, Senior Operations Engineer  
R. Baldwin, Senior Operations Engineer  
F. Ehrhardt, Operations Engineer Under Instruction  
P. Gage, Senior Operations Engineer R IV

Approved by: James H. Moorman, III, Chief  
Operations Branch  
Division of Reactor Safety

## SUMMARY OF FINDINGS

ER 05000280/2006301, ER05000281/2006301; 01/23-02/03/2006 & 02/08/2006; Surry Power Station, Units 1 & 2, Licensed Operator Examinations.

The NRC examiners conducted operator licensing initial examinations in accordance with the guidance in NUREG-1021, Revision 9, "Operator Licensing Examination Standards for Power Reactors." This examination implemented the operator licensing requirements of 10 CFR §55.41, §55.43, and §55.45.

The NRC administered the operating tests during the period of January 23 - February 3, 2006. Members of the Surry Power Station training staff administered the written examination on February 8, 2006. The written examinations and the operating test were developed by the NRC.

Five Reactor Operators (RO) and seven Senior Reactor Operators (SRO) passed both the operating test and written examination. All of the applicants were issued operator licenses commensurate with the level of examination administered. There were no post examination comments.

No findings of significance were identified.

## Report Details

### **4. OTHER ACTIVITIES**

#### 4OA5 Operator Licensing Initial Examinations

##### a. Inspection Scope

The NRC developed the written examination and the operating test in accordance with NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9. The licensee's examination team reviewed the proposed written examination and the operating test. 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 and test materials.

The examiners reviewed the licensee's examination and test security measures while preparing and administering the examinations and tests to ensure examination and test security and integrity complied with 10 CFR 55.49, "Integrity of examinations and tests."

The examiners evaluated five RO and seven SRO applicants who were being assessed under the guidelines specified in NUREG-1021. The examiners administered the operating tests during the period of January 23 and February 3, 2006. The written examination was administered by the Surry Power Station training staff on February 8, 2006. The evaluations of the applicants and review of documentation were performed to determine if the applicants, who applied for licenses to operate the Surry Power Station, met requirements specified in 10 CFR 55, "Operators' Licenses."

##### b. Findings

No findings of significance were identified.

The NRC determined that the examination and test feedback provided by the licensee for the written examination and operating test were within the range of acceptability expected for the proposed examination and test respectively. Five RO and seven SRO applicants passed both the operating test and written examination.

The combined RO and SRO written examinations with knowledge and abilities (K/As) question references/answers and examination references may be accessed in the ADAMS system (ADAMS Accession Numbers, ML060550134 and ML060550141).

#### 4OA6 Meetings

##### Exit Meeting Summary

On February 3, 2006, the examination team discussed generic issues with Mr. Donald E. Jernigan, Site Vice President, and members of his staff. The inspectors asked the licensee whether any materials examined during the inspection should be considered proprietary. No proprietary information was identified.

PARTIAL LIST OF PERSONS CONTACTED

Licensee personnel

L. Baker, Supervisor, Operations  
A. Barbee, Supervisor Nuclear Training  
M. Crist, Manager, Nuclear Operations  
B. Garber, Licensing Supervisor  
D. Jernigan, Site Vice President  
B. Marshall, License Class Lead Instructor  
J. Spence, Manager, Nuclear Training, Milstone  
K. Sloane, Director Operations and Maintenance  
D. Wilson, Supervisor, Nuclear Training  
M. Wilson, Manager, Nuclear Training  
R. Yzzi, NOD Specialists OPS (Oversight)

NRC personnel

N. Garrett, Senior Resident Inspector  
D. Arnett, Resident Inspector

## SIMULATION FACILITY REPORT

Facility Licensee: Surry Power Station Units 1 and 2

Facility Docket Nos.: 05000280 and 05000281

Operating Tests Administered on: January 23 through February 3, 2006

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 IP 71111.11, are not indicative of noncompliance in accordance with 10 CFR 55.46. No licensee action is required in response to these observations.

While conducting the simulator portion of the operating tests, no simulator fidelity or configuration items were identified.