



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

December 20, 2002

Tennessee Valley Authority  
ATTN: Mr. J. A. Scalice  
Chief Nuclear Officer and  
Executive Vice President  
6A Lookout Place  
1101 Market Street  
Chattanooga, TN 37402-2801

**SUBJECT: SEQUOYAH NUCLEAR PLANT - NRC EXAMINATION REPORT  
NOS. 50-327/2002-301 AND 50-328/2002-301**

Dear Mr. Scalice:

During the period December 2-6, 2002, the Nuclear Regulatory Commission (NRC) administered operating examinations to employees of your company who had applied for licenses to operate the Sequoyah 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 9, 2002.

Four reactor operator (RO) and two senior reactor operator (SRO) applicants passed both the written and operating examinations. One RO and one SRO applicant passed the written examination but failed the operating test. There were no post examination comments.

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/reading-rm/adams.html> (the Public Electronic Reading Room).

Sincerely,

*/RA/*

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

Docket Nos.: 50-327, 50-328  
License Nos.: DPR-77, DPR-79

Enclosure: (See page 2)

Enclosure: Report Details

cc w/encl:

Karl W. Singer  
Senior Vice President  
Nuclear Operations  
Tennessee Valley Authority  
Electronic Mail Distribution

James E. Maddox, Acting Vice President  
Engineering and Technical Services  
Tennessee Valley Authority  
Electronic Mail Distribution

Richard T. Purcell  
Site Vice President  
Sequoyah Nuclear Plant  
Electronic Mail Distribution

General Counsel  
Tennessee Valley Authority  
Electronic Mail Distribution

Robert J. Adney, General Manager  
Nuclear Assurance  
Tennessee Valley Authority  
Electronic Mail Distribution

Mark J. Burzynski, Manager  
Nuclear Licensing  
Tennessee Valley Authority  
Electronic Mail Distribution

Pedro Salas, Manager  
Licensing and Industry Affairs  
Sequoyah Nuclear Plant  
Tennessee Valley Authority  
Electronic Mail Distribution

D. L. Koehl, Plant Manager  
Sequoyah Nuclear Plant  
Tennessee Valley Authority  
Electronic Mail Distribution

Lawrence E. Nanney, Director  
TN Dept. of Environment & Conservation  
Division of Radiological Health  
Electronic Mail Distribution

County Executive  
Hamilton County Courthouse  
Chattanooga, TN 37402-2801

Ann Harris  
341 Swing Loop  
Rockwood, TN 37854

John D. White, Jr., Director  
Tennessee Emergency Management  
Agency  
Electronic Mail Distribution

Roy Goodman  
Training Manager  
Sequoyah Nuclear Plant  
P. O. Box 2000  
Soddy-Daisy, TN 37379-2000

Distribution w/encl:  
 R. W. Hernan, NRR  
 RIDSNRRDIPMLIPB  
 C. Evans (Part 72 Only)  
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DATE	12/20/2002	12/2002	12/20/2002			
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO
PUBLIC DOCUMENT	YES NO					

NUCLEAR REGULATORY COMMISSION

REGION II

Docket Nos.: 50-327, 50-328

License Nos.: DPR-77, DPR-79

Report Nos.: 50-327/02-301, 50-328/02-301

Licensee: Tennessee Valley Authority (TVA)

Facility: Sequoyah Nuclear Plant Units 1 & 2

Location: Sequoyah Access Road  
Soddy-Daisy, TN 37379

Dates: Operating Tests - December 2-6, 2002  
Written Examination - December 9, 2002

Examiners: G. Hopper, Chief Examiner  
M. Ernstes, Operator Licensing Branch Chief  
S. Rose, Operations Engineer

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

## SUMMARY OF FINDINGS

ER 05000327/2002-301, 05000328/2002-301 Tennessee Valley Authority; 12/02/2002 - 12/09/2002; Sequoyah Nuclear Power Plant, Units 1 and 2; Licensed Operator Examinations.

The NRC examiners conducted operator licensing initial examinations in accordance with the guidance of Examiner Standards, NUREG-1021, Revision 8, Supplement 1. 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 December 2-6, 2002. Members of the Sequoyah Nuclear Plant training staff administered the written examination on December 9, 2002. The operator licensing initial written examinations and operating tests were developed by the licensee. Four reactor operator (RO) and two senior reactor operator (SRO) applicants passed both the written and operating examinations and were issued operator licenses commensurate with the level of examination administered. One RO and one SRO applicant passed the written examination but failed the operating test.

No significant issues were identified.

## Report Details

### 4. OTHER ACTIVITIES (OA)

#### **4OA5** Operator Licensing Initial Examinations

##### a. Inspection Scope

The examiners reviewed the written and operating examinations developed by the licensee for compliance with the guidelines specified in NUREG-1021, Revision 8, Supplement 1.

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

The examiners evaluated five RO and three SRO applicants who were being assessed under the guidelines specified in NUREG-1021. They administered the operating tests during the period December 2-6, 2002. Members of the Sequoyah Nuclear Plant training staff administered the written examination on December 9, 2002. The evaluations of the applicants and review of documentation were performed to determine if the applicants, who applied for licenses to operate the Sequoyah Nuclear Plant, met requirements specified in 10 CFR Part 55.

##### b. Findings

No findings of significance were identified.

The licensee did not submit any post examination comments concerning the written examination or operating test. The written examination and answer key may be accessed in the ADAMS system (ADAMS Accession Number ML023520188).

#### **4OA6** Meetings

##### Exit Meeting Summary

On December 6, 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 inspection should be considered proprietary. No proprietary information was identified.

## PARTIAL LIST OF PERSONS CONTACTED

### Licensee

J. Beasley, Site Quality Manager  
E. Freeman, Operations Manager  
R. Goodman, Training Manager  
S. Poteet, Operations Training  
R. Proffitt, Nuclear Engineer  
P. Salas, Licensing and Industrial Affairs Manager  
G. Sanders, Operations Training Manager  
J. Vincelli, Radiation Chemistry Manager  
D. Webb, Operations Superintendent

### NRC

N. Garrett, Senior Resident Inspector (acting)  
R. Telson, Resident Inspector