

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

May 20, 1982

Director of Nuclear Reactor Regulation  
Attention: Ms. E. Adensam, Chief  
Licensing Branch No. 4  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Dear Ms. Adensam:

In the Matter of ) Docket Nos. 50-327  
Tennessee Valley Authority ) 50-328

Our Sequoyah Nuclear Plant unit 2 operating license, DPR-79, has a license condition, 2.C(16).e, which requires "one experienced operator trained on unit 1 low power testing for natural circulation operation to be assigned to each shift on unit 2." The license condition also states that "this requirement shall remain until TVA submits a report, and NRC agrees with the findings, that an acceptable level of training and experience on unit 2 has been attained." Enclosed is the report on the training and the experience of the Sequoyah Nuclear Plant unit 2 operators.

We consider this license condition to be satisfied by our submittal of this report of the training and experience that our unit 2 operators have received. We would appreciate your immediate review of our report and notification of your concurrence with our position as soon as possible.

If you have any questions concerning this matter, please get in touch with J. E. Wills at FTS 858-2683.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*L. M. Mills*  
L. M. Mills, Manager  
Nuclear Licensing

Sworn to and subscribed before me  
this 20<sup>th</sup> day of May 1982

*Bryant M. Lavery*  
Notary Public  
My Commission Expires 4/8/86

Enclosure  
cc: See page 2

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Director of Nuclear Reactor Regulation

May 20, 1982

cc: U.S. Nuclear Regulatory Commission  
Region II  
Attn: Mr. James P. O'Reilly, Regional Administrator  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

## ENCLOSURE

### TRAINING AND EXPERIENCE OF THE SEQUOYAH NUCLEAR PLANT UNIT 2 OPERATORS

#### I. Training

All licensed operators at Sequoyah hold a reactor operator (RO) or a senior reactor operator (SRO) license on both units 1 and 2. Those operators who have received an NRC license after the completion of the unit 1 natural circulation testing have received the following training.

##### A. RO Certification Training

This training consists of 13 weeks of classroom and Sequoyah simulator training. During the simulator training sessions, natural circulation operation is frequently simulated during emergency conditions.

It should be noted that NRC has determined that the Sequoyah simulator accurately models natural circulation responses. (Reference, SER item 22.2, I.G.1.)

##### B. RO Prelicense Training

This training consists of 4 weeks of classroom and Sequoyah simulator training. During the simulator training sessions, natural circulation operation is frequently simulated during emergency conditions.

##### C. SRO Certification/Prelicense Training

This training consists of 6 weeks of classroom and Sequoyah simulator training. During the simulator training sessions, natural circulation operation is frequently simulated during emergency conditions.

##### D. Sequoyah Licensed Operator Requalification Training

All licensed operators at Sequoyah participate in the requalification program. This program consists of 120 hours of classroom and Sequoyah simulator training each year. During the classroom sessions, various material has been covered concerning natural circulation (i.e., IE bulletins, notices, etc.). During the simulator sessions, natural circulation is frequently simulated during emergency conditions.

## II. Experience

The operators who have received an NRC license after the Sequoyah unit 1 natural circulation testing have gained the following experience.

### A. RO/SRO Three Months On-Shift Training

This training period consists of on-the-job training during various modes of operation (i.e., startup, shutdown, trip recovery, SI recovery, etc.).

### B. RO/SRO Experience While Performing License-Related Duty

1. Commercial operation of unit 1 at Sequoyah
2. Cold and hot functional testing of unit 2 at Sequoyah
3. Fuel loading of Sequoyah unit 2
4. Low-power testing of Sequoyah unit 2
5. Full-power operation of Sequoyah unit 2