

November 16, 2004

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

Gentlemen:

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

**SEQUOYAH NUCLEAR PLANT (SQN) - UNITS 1 AND 2 - CHANGES IN  
PERMITS AND CERTIFICATIONS - SPECIAL REPORT**

A summary report of changes to the SQN Air Permit, as required by SQN Technical Specification (TS) Appendix B Section 5.5.2, is being provided in the enclosure. The changes made to the SQN Air Permit by the Chattanooga-Hamilton County Air Pollution Control Bureau were effective October 21, 2004.

If you have any questions concerning this matter, please call me at (423) 843-7170 or J. D. Smith at (423) 843-6672.

Sincerely,

***Original signed by:***

P. L. Pace  
Manager, Site Licensing  
and Industry Affairs

Enclosure

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JDS:JWP:KTS

Enclosures

cc (Enclosures):

- A. H. Bhatnagar, LP 6A-C
- J. R. Douet, OPS 4A-SQN
- D. F. Helms, LP 6A-C
- D. A. Kulisek, POB 2B-SQN
- F. C. Mashburn, BR 4X-C
- T. J. Niessen, OPS 4A-SQN
- NSRB Support, LP 5M-C
- H. R. Rogers, OPS 4A-SQN
- K. W. Singer, LP 6A-C
- EDMS, WT CA-K

## ENCLOSURE

### SEQUOYAH NUCLEAR PLANT CHANGES IN PERMITS AND CERTIFICATIONS SPECIAL REPORT

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#### Summary of Sequoyah Air Permit Changes

1. Federally Enforceable Initial Certificate of Operation  
No. 4150-20200102-11C and Installation Permit No. 4150-20200102-11I
  - a. Effective date of revision October 21, 2004.
  - b. Summary of changes include:
    - i. Deletion of security lighting generator, computer system generator, fire protection water pump engine, communications system generator, and blackout diesel fire pump engine;
    - ii. Addition of blackout diesel generators 1 and 2, in addition to already permitted emergency diesel generators 1A, 1B, 2A, and 2B;
    - iii. Increase in sulfur content of the diesel fuel that is burned in the generators from 0.05 to 0.06 percent by weight;
    - iv. Decrease in emissions of permitted equipment from 76.0 to 70.992 tons of nitrogen oxides during any period of 365 days;
    - v. Decrease in operation time of permitted equipment from 248 to 204 hours during any period of 365 consecutive days; and
    - vi. Addition of maximum allowable emissions of nitrogen oxides, emissions of particulate matter and visible emissions for blackout diesel generators 1 and 2.
  
1. Federally Enforceable Initial Certificate of Operation  
No. 4150-10200501-08C and Installation Permit No. 4150-10200501-08I
  - a. Effective date of revision October 21, 2004.
  - b. Summary of changes include:
    - i. Increase in sulfur content of the diesel fuel that is burned in the two boilers from 0.05 to 0.06 percent by weight;
    - ii. Decrease in frequency from quarterly to semiannually for submission of reports that consist of records of fuel supplier certifications to the Chattanooga-Hamilton County Air Pollution Control Bureau Director;
    - iii. Decrease in maximum allowable emissions of nitrogen oxides from each of the two boilers from 11.0 to 9.0 pounds/hour; and
    - iv. Decrease in the sum of the total amount of time during which Boiler A is in operation and the total amount of time during which Boiler B is in operation from 4,000 to 2,000 hours during any period of 365 consecutive days.

