

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 18 TO FACILITY OPERATING LICENSE DPR-77
AND AMENDMENT NO. 9 TO FACILITY OPERATING LICENSE DPR-79
TENNESSEE VALLEY AUTHORITY

INTRODUCTION

As a result of a telephone conversation April 27, 1982, between TVA and the NRC, this technical specification amendment is proposed to clarify the calculation of cumulative purge time over a 365-day period.

Additionally, technical specifications 3/4.7.5 for Unit 1 and 3/4.9.6 for Unit 2 will be changed as discussed with the NRC staff on July 19, 1982, since these changes were inadvertently omitted in previous amendments.

EVALUATION

The staff agrees that clarification of how cumulative purge time over a 365-day period is calculated is necessary. Rather than the April 15 starting date, proposed by TVA, the staff is approving a starting date of January 1 in order to facilitate easier standardization with other facilities as they request changes in their purge times. Purging and venting shall be limited to 1000 hours per 365 days.

The staff agrees that the corrections to technical specifications 3/4.7.5 and 3/4.9.6 should be made on the basis that these revisions were previously justified in other amendments to the Sequoyah technical specifications. (Amendments 12 & 4 respectively.)

ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered, does not create the possibility of an accident of a type different from any evaluated previously, and does not

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involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: December 23, 1982

Principal Contributors: Melanie Miller, Licensing Branch No. 4, DL
Carl Stahle, Licensing Branch No. 4, DL

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