

SAFETY EVALUATION BY THE
OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 2
TO LICENSE DPR-77
TENNESSEE VALLEY AUTHORITY

INTRODUCTION

On the evening of May 24th oral authorization was given to proceed with proposed changes to the Technical Specifications for Sequoyah Unit 1 which allowed operation in Modes 3 and 4 with unresolved piping support or restraint deficiencies. The proposed changes are described in the Tennessee Valley Authority (TVA) letter dated May 28, 1980. This safety evaluation report documents the basis for the oral authorization.

TVA is carrying out an extensive inspection and review program to verify the adequacy of the as-built piping supports and restraints to assure compliance with OIE Bulletin 79-14. This effort will be completed and any discovered deficiencies will be corrected prior to initial criticality.

EVALUATION

The requested changes are only applicable for the period prior to first criticality of the reactor core, therefore, there is no fission product inventory in the core or in the reactor coolant system that could be released in the event of an unlikely failure of a piping system. If a deficiency is discovered during the inspection period, it must be corrected within a 72 hour period or plant operations will terminate. Also, TVA will notify the NRC of each instance that the proposed provisions are invoked.

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 Section 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.

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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 and does not 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:

July 1, 1980