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RELATED CORRESPONDENCE

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UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NOS. 50-327 AND 50-328

OFFICE OF SECRETARY
MARKETING & SERVICE
BRANCH

TENNESSEE VALLEY AUTHORITY

NOTICE OF ENVIRONMENTAL ASSESSMENT AND FINDING OF

NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering granting of relief from the requirements of Section XI of the ASME Boiler and Pressure Vessel Code as allowed by 10 CFR 50.55a to Tennessee Valley Authority for the Sequoyah Nuclear Plant, Units 1 and 2, located in Hamilton County, Tennessee.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: The proposed action would provide relief from hydrostatic testing requirements of the ASME Code/Section XI for the deletion of feedwater drain valves and the capping of the 1½" lines. The proposed relief is in response to the licensee's request of July 30, 1984 and September 18, 1984.

The Need for the Proposed Action: Two drain valves are leaking excessively. TVA has concluded these drain valves and several others are unnecessary in the main feedwater system for plant operations. They are to be eliminated and the lines capped. The proposed relief is needed because performing the hydrostatic test after the capping of the lines is impractical to perform. To accomplish the test would require flooding the secondary side of each steam generator along with the 32-inch main steam lines to the out-board isolation valves. Also, the main steam safety and power-operated relief valves would require gagging to perform the test.

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Environmental Impacts of the Proposed Action: The proposed relief will provide alternate examinations such that there is adequate assurance of the integrity of the capped lines described in the licensee's request. Consequently, the probability of an accident has not been increased and the post-accident radiological releases will not be greater than previously determined nor does the proposed relief otherwise affect radiological plant effluents. Therefore, the Commission concludes that there are no significant radiological environmental impacts associated with this proposed relief. With regard to potential non-radiological impacts, the proposed relief involves changes within the restricted area defined in 10 CFR Part 20. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant non-radiological environmental impacts associated with the proposed relief.

Alternative Use Of Resources: This action involves no use of resources not previously considered in the Final Environmental Statement for the Sequoyah Nuclear Station.

Agencies and Persons Consulted: The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

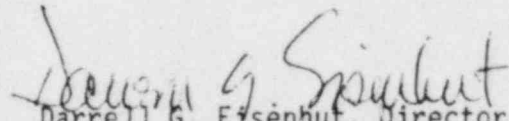
The Commission has determined not to prepare an environmental impact statement for the proposed relief.

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the licensee's letters dated July 30 and September 18, 1984. These items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. 20555 and at the Chattanooga-Hamilton County Bicentennial Library, 1001 Broad Street, Chattanooga, Tennessee 37402.

Dated at Bethesda, Maryland, this 25th day of September 1984.

FOR THE NUCLEAP REGULATORY COMMISSION


Darrell G. Eysenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation