

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

November 19, 1979

Mr. James R. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

SEQUOYAH NUCLEAR PLANT UNITS 1 AND 2 - ICE CONDENSER HEAT LOADS EXCEED
DESIGN HEAT LOADS - NCR NEB 79-1 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
G. A. Belisle on August 14, 1979, in accordance with 10 CFR 50.55(e).
A first interim report was submitted on September 11, 1979.

TVA's investigation has revealed that the ice condenser heat loads
in the Sequoyah Nuclear Plant may be higher than the design heat loads.
TVA believes that additional cooling capacity will be required to
ensure that design temperatures are maintained in the ice condensers
under all conditions. At present, TVA is pursuing the procurement of
additional glycol chilling capacity for the ice condensers at Sequoyah.
We expect to submit our next report by January 28, 1980.

If you have any questions concerning this matter, please get in touch
with D. L. Lambert at FTS 854-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

cc: Mr. Victor Stello, Jr., Director ✓
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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