

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
500C Chestnut Street Tower II ATLANTA, GEORGIA

March 13, 1979 MAR 15 A 8:35

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

POOR ORIGINAL

Dear Mr. O'Reilly:

SEQUOYAH NUCLEAR PLANT UNITS 1 AND 2 - POSSIBLE EXCESSIVE WATER HAMMER
FORCES ON MAIN FEEDWATER CHECK VALVES - NCR MEB 79-1 - SECOND INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
C. R. McFarland on January 15, 1979. An interim report was submitted
on February 14, 1979.

An analysis of the main feedwater check valves' ability to absorb forces
imposed by feedwater hammer following a postulated feedwater line break
in one leg of the main feedwater system is in progress. TVA has found
that some incorrect data may have been entered into the computer program
used to determine the energy imparted to the main feedwater check valves.
Our analysis is continuing, and we expect to submit a complete report by
May 21, 1979.

If you have any questions concerning this matter, please get in touch
with M. R. Wisenburg at FTS 854-2581.

Very truly yours,

J. E. Gilleland
Assistant Manager of Power

cc: Mr. John G. Davis, Acting Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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