

TENNESSEE VALLEY AUTHORITY

USNRC REGION II
CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

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April 12, 1983

SQRD-50-328/81-05

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

SEQUOYAH NUCLEAR PLANT UNIT 2 - RETRIEVABLE INFORMATION FROM VALVE TAG
NUMBER - SQRD-50-328/81-05 - FINAL REPORT

The subject deficiency was initially reported to NRC-OIE Inspector M. Thomas on December 12, 1980 in accordance with 10 CFR 50.55(e) as NCR SQN CEB 8035. Interim reports were submitted on January 12, March 2, April 2, June 11, and September 22, 1981, and April 7, and November 30, 1982. Enclosed is the final report for the subject deficiency.

If you have any questions, please get in touch with R. H. Shell at FTS 858-2688.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills
L. M. Mills, Manager
Nuclear Licensing

Enclosure

cc: Mr. Richard C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Records Center (Enclosure)
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

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ENCLOSURE

SEQUOYAH NUCLEAR PLANT UNIT 2
RETRIEVABLE INFORMATION FROM VALVE TAG NUMBERS
NCR SQN CEB 8035
SQRD-50-328/81-05
10 CFR 50.55(e)
FINAL REPORT

Description of Deficiency

Manufacturer's valve drawings which include pertinent engineering data used in piping analysis and other design calculations cannot be readily retrieved through any TVA documentation system as required by 10 CFR 50, Appendix B. Proper identification of valves should be maintained by part number, serial number, or other appropriate means on the valve bodies and cross-referenced on all associated drawings and permanent records. This identification is used for the retrieval of records and is designed to prevent the use of incorrect parts and components in piping systems.

Safety Implications

Without these controls, a piping analysis may utilize an incorrect valve weight which could invalidate the seismic analysis of various safety-related systems. This could lead to pipe failure during a seismic event and reduced safety injection system (SIS) coolant flow rate to the core, which could adversely affect the safety of the plant.

Corrective Action

Engineering change notice L-5680 has been issued in order to revise TVA drawing series 47A365 and 47A366 to cross reference the manufacturer's valve drawing numbers for all QA valves. These drawings will be revised by August 31, 1983, and will be kept current each time a new valve is added to the system.