

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

August 30, 1983

USNRC REGION II  
ATLANTA, GEORGIA

83 SEP 1 48:08

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 - REVISED 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; April 7 and November 30, 1982 and April 12, 1983. Enclosed is a revised final report that was discussed with Linda Watson of your staff on August 24, 1983.

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)  
REVISED 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, 47A366 and 47B601 to cross reference the manufacturer's valve drawing numbers for all QA valves. These drawings will be revised by November 30, 1983, and will be kept current each time a new valve is added to the system.

The new schedule is necessary to allow revision of the 47B601 series drawings which include the control and motor operated valves.