PART 21 IDENTIFICATION NO. 81-373-000 COMPANY NAME TVA

DATE OF LETTER 2/27/81 DOCKET NO. 50-328

DATE DISTRIBUTED 3/6/81 ORIGINAL REPORT ☐ SUPPLEMENTARY ☑

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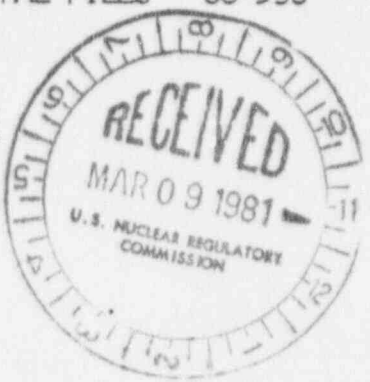

ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOWUP AS SHOWN BELOW:

IE ☐ NRR ☐ NMSS ☐ OTHER ☐

EES

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REV. 8/1/80
9/17/80
12/2/80

81-373-000

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

February 27, 1981

SQRD-50-328/81-17

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

Dear Mr. O'Reilly:

SEQUOYAH NUCLEAR PLANT UNIT 2 - EXCESSIVE PRESSURE DROPS ACROSS THE ERCW STRAINERS - SQRD-50-328/81-17 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. W. Wright on January 28, 1981, in accordance with 10 CFR 50.55(e) as NCR SQN MEB 8006R1. Enclosed is our first interim report. We expect to submit our next report by April 6, 1981. We consider 10 CFR 21 applicable to this deficiency.

If you have any questions, please get in touch with D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

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

ENCLOSURE

SEQUOYAH NUCLEAR PLANT UNIT 2
EXCESSIVE PRESSURE DROPS ACROSS THE ERCW STRAINERS
SQRD-50-328/81-17
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

During preoperational testing at Sequoyah unit 1, it was discovered that pressure drops existed in excess of that designed for across the Essential Raw Cooling Water System (ERCW) strainers. S. P. Kinney Engineering in Carnegie, Pennsylvania, supplied these strainers and predicted their pressure drop. The actual pressure drop was much larger than the stated value. As a result, reduced flow rates could occur due to increased system resistance. The total system pressure drop for unit 1 has been determined to be acceptable; however, the acceptability of two-unit operation has not yet been established.

Interim Progress

TVA is evaluating preoperational test data for unit 2 operation of the ERCW's to determine what corrective action, if any, will be necessary.