TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

5N 1578 Lookout Place

SEP 19 1988

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of ) Docket No. 50-327
Tennessee Valley Authority )

SEQUOYAH NUCLEAR PLANT (SQN) UNIT 1 - NRC BULLETIN 88-08, THERMAL STRESSES IN PIPING CONNECTED TO REACTOR COOLANT SYSTEMS

Reference: TVA letter to NRC dated August 24, 1988, "Sequoyah Nuclear Plant (SQN) - NRC Bulletin 88-08, Thermal Stresses in Piping Connected to Reactor Coolant Systems"

As required in item 2 of the Reporting Requirements section of the subject bulletin, this submittal provides confirmation of completion and the results of action 2 for unit 1. Nondestructive examination (NDE) was completed for 34 welds and 5 sections of base material on August 25, 1988. No unsatisfactory indications were found. The enclosure lists a summary of the NDEs that were performed.

The remainder of the actions required by the subject bulletin will be completed in accordance with the schedules submitted in the referenced letter.

Please direct questions concerning this issue to Kathy S. Whitaker at (615) 870-7748.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

W. L. Ray for

R. Gridley, Manager
Nuclear Licensing and
Regulatory Affairs

Enclosure
cc: See page 2

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U.S. Nuclear Regulatory Commission

cc (Enclosure):
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ENCLOSURE

SQN UNIT 1

NONDESTRUCTIVE EXAMINATIONS COMPLETED
AUGUST 25, 1988

The following welds were nondestructively examined by liquid penetrant examination using a procedure qualified to Sections V and XI of the American Society of Mechanical Engineers (ASME) code, 1977 edition with addenda through the summer of 1978.

| | | |
|---|---|---|
| CVCF-213 | SIW-1 | SI-1694 |
| CVCF-214 | SIW-2 | SI-1695 |
| CVCF-246 | SIW-3 | SI-1696 |
| CVCF-246A | SIW-4 | SI-1697 |
| CVCF-246B | SI-1605 | SI-1698 |
| CVCF-247 | SI-1606 | SI-1699 |
| CVCS-414 | SI-1607 | |
| CVCW-4 | SI-1608 | |
| CVC-2599 | SI-1609 | |
| CVC-2599A | SI-1610 | |
| CVC-2599B | SI-1611 | |
| CVC-2599C | SI-1612 | |
| CVC-2600 | SI-1692 | |
| CVC-2601 | SI-1693 | |

The following welds and sections of base material were ultrasonically examined. These examinations were performed using a procedure qualified to Sections V and XI of the ASME code, 1977 edition with addenda through the summer of 1978. Enhanced techniques similar to those recommended in NRC Bulletin 88-08, supplement 2, were used.

| WELDS | SCAN LIMITATIONS |
|---|---|
| CVCF-213 | Limited coverage because of intrados of elbow |
| CVCF-214 | Limited coverage because of nozzle and intrados of elbow |
| CVCF-246 | Limited coverage because of intrados of elbow |
| CVCF-246A | None |
| CVCF-246B | None |
| CVCF-247 | Limited coverage because of nozzle and weld crown |
| CVCS-414 | Limited coverage because of intrados of elbow |

| ELBOWS | SCAN LIMITATIONS |
|---|---|
| CVCF-246/CVCS-414 | Limited coverage because of intrados of elbow |
| CVCF-213/CVCF-214 | Limited coverage because of intrados of elbow |

| PIPE | SCAN LIMITATIONS |
|---|---|
| CVCS-414/CVCF-246A | None |
| CVCF-246A/CVCF-246B | None |
| CVCF-246B/CVCF-247 | None |