



Tennessee Valley Authority, Post Office Box 2000, Soddy Daisy, Tennessee 37379-2000

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Vice President, Sequoyah Nuclear Plant

February 22, 1994

TVA-SQN-TS-92-16

10 CFR 50.90

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

Gentlemen:

In the Matter of  
Tennessee Valley Authority

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Docket Nos. 50-327  
50-328

SEQUOYAH NUCLEAR PLANT (SQN) - TECHNICAL SPECIFICATION (TS) CHANGE 92-16,  
"DELETION OF SUPPLEMENTAL EXAMINATION OF THE REACTOR PRESSURE VESSEL  
NOZZLES FROM THE TS"

Reference: NRC letter to TVA dated January 5, 1994, "TS 92-16: Deletion  
of the Supplemental Examination of the Reactor Pressure  
Vessel Nozzles From the Technical Specifications - Sequoyah  
Nuclear Plant, Units 1 and 2 (TAC Nos. M85308 and M85309)"

By the referenced letter NRC requested that TVA provide the staff with a  
letter indicating acceptance of commitments concerning examination of  
SQN's reactor pressure vessel nozzles. TVA's acceptance of these  
commitments is needed to allow the staff to proceed with processing TS  
Change 92-16. Accordingly, the SQN In-Service Inspection staff has  
reviewed the commitments specified by NRC and accepts these commitments  
for incorporation into SQN's Augmented Examination Program.

Enclosed is a list of the commitments for both units. It should be noted  
that the first three commitments for Unit 1 were from TVA's  
August 18, 1993, submittal and have been included again in the enclosed  
list for continuity. In addition, TVA added Item No. 5 for Unit 1 to  
include reporting of examination results to NRC to be consistent with the  
Unit 2 commitments. The results of the Unit 2 Cycle 6 augmented nozzle  
inspections are to be used in evaluating the need for future augmented  
inspections on the Unit 2 nozzles.

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U.S. Nuclear Regulatory Commission

Page 2

February 22, 1994

Please direct questions concerning this issue to D. V. Goodin at  
(615) 843-7734.

Sincerely,



Robert A. Fenech

Enclosure

cc (Enclosure):

Mr. D. E. LaBarge, Project Manager  
U.S. Nuclear Regulatory Commission  
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Rockville, Maryland 20852-2739

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Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
Atlanta, Georgia 30323-2711

ENCLOSURE

TVA Commitments

Unit 1

The Unit 1 in-service inspection (ISI) program will be revised by August 1, 1994, to incorporate the following requirements:

1. The ultrasonic technique for future augmented examinations of the reactor pressure vessel nozzles will be at least as sensitive as that used to conduct the examination during the Unit 1 Cycle 6 refueling outage.
2. The Unit 1 Cycle 6 examination will serve as the baseline for future examinations.
3. The augmented examination will be performed near the end of the second 10-year ISI interval for Unit 1.
4. Size all the detected flaws, regardless of the percent distance amplitude curve (DAC).
5. The results of the examinations will be submitted to NRC.
6. The augmented examinations will not be removed from the ISI program without notifying NRC.

Unit 2

The Unit 2 ISI program will be revised by August 1, 1994, to incorporate the following requirements:

1. The volumetric examinations of the reactor pressure vessel nozzles will be performed over the same cladded nozzle areas required by American Society of Mechanical Engineers code.
2. The ultrasonic technique for the Unit 2 Cycle 6 refueling outage examinations and future examinations will be at least as sensitive as that used to conduct the examination during the Unit 1 Cycle 6 refueling outage.
3. The examinations to be performed during the Unit 2 Cycle 6 refueling outage will serve as the baseline for future examinations.
4. All of the detected flaws will be sized regardless of the percent DAC.
5. The results of the examinations will be submitted to NRC.
6. The above commitments will not be removed from the Unit 2, ISI program without notifying NRC.