



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

March 4, 1996

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

Gentlemen:

In the Matter of  
Tennessee Valley Authority

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Docket No. 50-328

SEQUOYAH NUCLEAR PLANT (SQN) - NRC REQUEST FOR ADDITIONAL  
INFORMATION - TECHNICAL SPECIFICATION (TS) CHANGE 95-23, "ALTERNATE  
PLUGGING CRITERIA (APC) FOR STEAM GENERATOR (S/G) TUBING - UNIT 2"

- References: 1. TVA letter to NRC dated December 12, 1995, "Sequoyah Nuclear  
Plant (SQN) - Technical Specification (TS) Change 95-23, 'Alternate  
Plugging Criteria (APC) for Steam Generator (S/G) Tubing - Unit 2'"
2. TVA letter to NRC dated February 9, 1996, "Sequoyah Nuclear Plant  
(SQN) - Special Report On Steam Generator (SG) Activities Completed  
During The Unit 1 Cycle 7 Refueling Outage"

On February 1, 1996, TVA met with NRC to discuss NRC questions regarding the TS  
amendment provided in Reference 1 above. This meeting concluded with a need to  
docket formal responses to the following items:

- Item 1: Request: Relative to Enclosure 2, page 5, of Reference 1, TVA based its  
crack growth calculations on Electric Power Research Institute (EPRI) Report  
TR-100407. This report is two years old; therefore, the crack growth data is  
not up-to-date. TVA must submit current data for the staff to assess the  
proposed crack growth rate.

Response: Enclosure 2 contains a copy of "EPRI ARC Database for 3/4-Inch  
and 7/8-Inch Diameter Tubes and Updated ARC Correlation for 7/8-Inch  
Diameter Tubes" (Proprietary). Enclosure 3 contains a copy of "EPRI ARC  
Database for 3/4-Inch and 7/8-Inch Diameter Tubes and Updated ARC  
Correlation for 7/8-Inch Diameter Tubes" (Non-Proprietary).

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Change: NRC PDR

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Item 2: Request: Relative to Enclosure 5, page 1, Item 3.b.3.4 of Reference 1, please provide the basis for the statement: "Axial indications in dents less than 5 volts that are structurally significant will be detected with bobbin coil . . ." Discuss any testing performed to support this conclusion.

Response: Information contained within Reference 2 provides the necessary data and discussion to support the conclusion stated above. The relevant portion of this information is supplied in Enclosure 4, for your convenience.

Item 3: Request: Relative to Enclosure 5, page 2, Item 3.c.2 of Reference 1, NRC is reviewing the industry reports on probe variability and probe wear, submitted on January 23, 1996. This issue is still open. Our goal would be to resolve these issues and request that a permanent TS amendment for Unit 2 be submitted.

Response: Enclosure 5, Item 3.c.2 of Reference 1 is hereby revised to read: "TVA will comply with probe variability as defined in the NEI letter to NRC dated January 23, 1996, 'New Probe Variability For Use In The ODSCC Alternate Repair Criteria.'" It is recognized that the above NEI letters do not address "nominal voltage response" and "testing at mixed frequencies." These items are being addressed by the nuclear industry and will be factored into the TVA APC program upon resolution.

Enclosure 5, Item 3.c.3 of Reference 1 is hereby revised to read: "TVA will comply with probe wear as defined in NEI letter to NRC dated February 23, 1996, 'Eddy Current Probe Replacement Criteria for Use in ODSCC Alternate Repair Criteria (Project No. 689),' and NEI letter to NRC dated January 23, 1996, 'Eddy Current Probe Replacement Criteria for Use in ODSCC Alternate Repair Criteria.'"

Upon final resolution of the probe variability issue, TVA plans to submit a license amendment request for Units 1 and 2 to allow implementation of APC on a noncycle specific basis.

Since Enclosure 2 contains information proprietary to Westinghouse Electric Corporation, Enclosure 1 contains the application for withholding and affidavit CAW-96-934 signed by Westinghouse, the owner of the information, as well as the proprietary information notice and copyright notice. The application for withholding and the affidavit set forth the basis on which the information may be withheld from public disclosure by NRC and addresses with specificity the considerations listed in Paragraph (b)(4) of Section 2.790 of the NRC regulations.

Accordingly, it is respectfully requested that information that is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR, Section 2.790, of the NRC regulations.

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Correspondence, with respect to the copyright or proprietary aspects of the items listed above or the supporting Westinghouse affidavit, should reference CAW-96-934 and should be addressed to N. J. Liparulo, Manager of Regulatory & Engineering Networks, Westinghouse Electric Corporation, P. O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

Please direct questions concerning this issue to Bill Ludwig at (423) 843-7460

Sincerely,



R. H. Shell  
Manager  
SQN Site Licensing

Enclosures

cc (Enclosures):

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Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
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Enclosure 1

Proprietary Information Notice,

Copyright Notice,

Application for Withholding,

And

Affidavit

### Proprietary Information Notice

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