



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

May 31, 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) - UNIT 2 STEAM GENERATOR (SG) TUBE  
PLUGGING

As required by SQN Technical Specification (TS) 4.4.5.5.a, this submittal provides notification of SG tube plugging during the Unit 2 Cycle 7 refueling outage. The inservice inspection (ISI) of the Unit 2 SG tubes was completed on May 22, 1996. In accordance with SQN TS 4.4.5.5.b, TVA will submit the complete results of the SG tube ISI in a special report on or before May 22, 1997.

Enclosed is a summary of the tubes plugged during the Unit 2 Cycle 7 refueling outage.

Please direct questions concerning this issue to D. V. Goodin at (423) 843-7734.

Sincerely,

*R. H. Shell*

R. H. Shell  
Manager  
SQN Site Licensing

Enclosure  
cc: See page 2

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cc (Enclosure):

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Nuclear Regulatory Commission  
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NRC Resident Inspector  
Sequoyah Nuclear Plant  
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Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street, NW, Suite 2900  
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ENCLOSURE

SEQUOYAH NUCLEAR PLANT

UNIT 2 CYCLE 7 REFUELING OUTAGE

STEAM GENERATOR TUBE PLUGGING SUMMARY

(W03 960524 816)

## TRANSMITTAL TO SITE LICENSING SUMMARY SHEET

COMMENTS PLUGGING SUMMARIZED AS FOLLOWS: 2 FOR AVB WEAR, 1 FOR  
COLD LEG WASTAGE.

ROW	COL	INDICATION (%)	LOCATION	REASON FOR PLUGGING
29	63	41	AV3 + .00	AVB WEAR
33	57	43	AV3 + .00	AVB WEAR
46	49	66	CO2 - .05	COLD LEG WASTAGE
				-

SQN  
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STEAM GENERATOR PRIMARY SIDE  
MAINTENANCE ACTIVITIES

O-MI-MXX-068-005.0  
Rev 10  
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APPENDIX B  
Page 1 of 1

TRANSMITTAL TO SITE LICENSING  
SUMMARY SHEET

Date Transmitted 5/24/96 Date Due NRC 6/7/96  
Submittal Prepared By William David James Unit 2 S/G 2

**PURPOSE** The purpose of this appendix is to serve as a documentation and transmittal medium for pertinent steam generator plugging information required by Tech Spec 4.4.5.5(a). This form is to be sent to Site Licensing within three (3) days after tube plugging is complete.

**NOTE** This plugging information must be transmitted by Site Licensing to NRC within 15 days of the completion of each inservice inspection of steam generator tubes. [C.1]

**COMMENTS** PLUGGING SUMMARIZED AS FOLLOWS: 2 FOR AVB WEAR, 1 FOR COLD LEG  
WASTAGE, 1 TUBE PULL TO SUPPORT ALTERNATE PLUGGING CRITERIA (ODSCCTSP),  
9 FOR PWSCC AT THE TOP OF HOT TUBESHEET, 6 FOR PWSCC AT THE U-BEND  
- SEE CONTINUATION SHEET -

TUBES PLUGGED  
(ADDITIONAL SHEETS MAY BE ADDED AS REQUIRED)

ROW	COL	INDICATION (%)	LOCATION	REASON FOR PLUGGING
1	23	SAI	H07+2.71	PWSCC U-BEND
1	33	SAI	H07+2.63	PWSCC U-BEND
1	34	MAI	H07+2.60	PWSCC U-BEND
1	40	MAI	H07+2.67	PWSCC U-BEND
1	48	MAI	H07+7.28	PWSCC U-BEND
2	21	SAI	H07+7.71	PWSCC U-BEND
3	11	SAI	HTS-1.09	PWSCC HTS
4	23	PI	CO2+.00	ODSCC TSP - TUBE PULL
4	69	SAI	HTS-.82	PWSCC HTS

TRANSMITTAL TO SITE LICENSING  
(cont.)

Date Transmitted 5/24/96

Date Due NRC 6/7/96

Submittal Prepared By William David Samue

Unit 2 S/G 2

**TUBES PLUGGED**  
(cont.)

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APPENDIX B  
Page 1 of 1TRANSMITTAL TO SITE LICENSING  
SUMMARY SHEETDate Transmitted 5/24/96Date Due NRC 6/7/96Submittal Prepared By William David FarnsUnit 2 S/G 3

**PURPOSE** The purpose of this appendix is to serve as a documentation and transmittal medium for pertinent steam generator plugging information required by Tech Spec 4.4.5.5(a). This form is to be submitted to Site Licensing within three (3) days after tube plugging is complete.

**NOTE** This plugging information must be transmitted by Site Licensing to NRC within 15 days of the completion of each inservice inspection of steam generator tubes. [C.1]

**COMMENTS** PLUGGING SUMMARIZED AS FOLLOWS: 1 FOR COLD LEG WASTAGE, 1 TUBE  
PULL TO SUPPORT ALTERNATE PLUGGING CRITERIA (ODSCC TSP), 4 FOR PWSCC AT THE TOP  
OF HOT TUBESHEET, 7 FOR PWSCC AT THE U-BEND  
- SEE CONTINUATION SHEET -

TUBES PLUGGED  
(ADDITIONAL SHEETS MAY BE ADDED AS REQUIRED)

ROW	COL	INDICATION (%)	LOCATION	REASON FOR PLUGGING
1	2	SAI	H07 + 7.74	PWSCC U-BEND
1	26	SAI	H07 + 4.28	PWSCC U-BEND
1	27	SAI	H07 + 3.69	PWSCC U-BEND
1	29	MAI	H07 + 3.85	PWSCC U-BEND
1	38	SAI	H07 + 6.41	PWSCC U-BEND
1	50	SAI	H07 + 2.67	PWSCC U-BEND
1	59	SAI	H07 + 7.48	PWSCC U-BEND
8	2	56	COL + .11	COLD LEG WASTAGE
8	14	SAI	HTS - 1.69	PWSCC HTS





<b>SQN</b> <b>1,2</b>	<b>STEAM GENERATOR PRIMARY SIDE MAINTENANCE ACTIVITIES</b>	<b>0-MI-MXX-068-005.0</b> <b>Rev 10</b> <b>Page 23 of 51</b>
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**TRANSMITTAL TO SITE LICENSING  
SUMMARY SHEET**

Date Transmitted 5/24/96 Date Due NRC 6/7/96  
 Submittal Prepared By William David James Unit 2 S/G 4

**PURPOSE** The purpose of this appendix is to serve as a documentation and transmittal medium for pertinent steam generator plugging information required by Tech Spec 4.4.5.5(a). This form is to be sent to Site Licensing within three (3) days after tube plugging is complete.

**NOTE** This plugging information must be transmitted by Site Licensing to NRC within 15 days of the completion of each inservice inspection of steam generator tubes. **[C.1]**

**COMMENTS** PLUGGING SUMMARIZED AS FOLLOWS: 2 FOR PWSCC AT THE TOP OF  
HOT TUBESHEET, 4 FOR PWSCC AT THE U-BEND

**TUBES PLUGGED**  
(ADDITIONAL SHEETS MAY BE ADDED AS REQUIRED)

ROW	COL	INDICATION (%)	LOCATION	REASON FOR PLUGGING
1	15	SAI	H07 +6.90	PWSCC U-BEND
1	17	SAI	H07 +6.09	PWSCC U-BEND
1	19	SAI	H07 +6.64	PWSCC U-BEND
1	23	SOI	H07 +6.48	PWSCC U-BEND
2	13	SAI	HTS -.02	PWSCC HTS
7	50	SAI	HTS -.10	PWSCC HTS