



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

September 7, 1994

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. 50-327

SEQUOYAH NUCLEAR PLANT (SQN) - UNIT 2 STEAM GENERATOR (S/G) TUBE PLUGGING

As required by SQN Technical Specification 4.4.5.5.a, this submittal provides notification of S/G tube plugging during the Unit 2 Cycle 6 refueling outage. The in-service inspection of the S/G tubes was completed on August 24, 1994. TVA will submit a special report of the results of this inspection on or before August 24, 1995.

Enclosed is a summary of the tubes plugged in Unit 2 during this outage.

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

Sincerely,

*R. H. Shell*

R. H. Shell  
Manager  
SQN Site Licensing

Enclosure  
cc: See page 2

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U.S. Nuclear Regulatory Commission

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Enclosure

cc (Enclosure):

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ENCLOSURE

SEQUOYAH NUCLEAR PLANT

UNIT 2 CYCLE 6 REFUELING OUTAGE

STEAM GENERATOR TUBE PLUGGING SUMMARY

(S57 940902 941)

Steam Generator (S/G) Tube Plugging List  
Sequoyah Nuclear Plant  
Unit 2 Cycle 6

S/G	ROW	COL	%	LOCATION	REASON FOR PLUGGING
1	1	16	SAI	H07+7.11	U-BEND PWSCC
	1	26	SAI	H07+7.04	U-BEND PWSCC
	1	36	SAI	H07+2.87	U-BEND PWSCC
	1	38	SAI	H07+2.79	U-BEND PWSCC
	1	45	SAI	H07+6.84	U-BEND PWSCC
	1	55	SAI	H07+2.89	U-BEND PWSCC
	1	61	SAI	H07+2.81	U-BEND PWSCC
	1	72	SAI	H07+2.95	U-BEND PWSCC
	1	74	SCI	H07+5.62	U-BEND PWSCC
			SCI	H07+5.98	U-BEND PWSCC
			SCI	H07+7.19	U-BEND PWSCC
	1	85	SAI	H07+3.03	U-BEND PWSCC
			SCI	H07+5.33	U-BEND PWSCC
			SCI	H07+5.00	U-BEND PWSCC
	1	87	SAI	H07+2.80	U-BEND PWSCC
	1	88	SAI	H07+3.30	U-BEND PWSCC
			SCI	H07+5.31	U-BEND PWSCC
	1	90	SAI	H07+3.00	U-BEND PWSCC
	1	92	SAI	H07+7.09	U-BEND PWSCC
2	1	2	SAI	H07+7.16	U-BEND PWSCC
	1	11	SAI	H07+2.56	U-BEND PWSCC
	1	19	SAI	H07+2.87	U-BEND PWSCC
	1	32	SAI	H07+2.80	U-BEND PWSCC
			SAI	H07+2.91	U-BEND PWSCC
	1	39	SAI	H07+2.58	U-BEND PWSCC
	1	42	SAI	H07+2.50	U-BEND PWSCC
	1	48	MAI	H07+2.87	U-BEND PWSCC
	1	50	SCI	H07+5.19	U-BEND PWSCC
			SCI	H07+6.33	U-BEND PWSCC
	1	51	MAI	H07+7.15	U-BEND PWSCC
	1	52	SCI	H07+6.17	U-BEND PWSCC
	1	53	MAI	H07+7.60	U-BEND PWSCC
	1	63	SAI	H07+7.16	U-BEND PWSCC
	1	65	SAI	H07+7.10	U-BEND PWSCC
	1	67	SCI	H07+4.01	U-BEND PWSCC
	1	68	SCI	H07+5.25	U-BEND PWSCC
	1	78	SAI	H07+8.28	U-BEND PWSCC
	1	79	SAI	H07+8.21	U-BEND PWSCC
	1	80	SAI	H07+2.95	U-BEND PWSCC
	1	86	SAI	H07+7.48	U-BEND PWSCC
	1	87	SAI	H07+2.76	U-BEND PWSCC
	1	89	SAI	H07+7.23	U-BEND PWSCC
			SAI	H07+5.10	U-BEND PWSCC
	1	93	SCI	H07+7.19	U-BEND PWSCC
			SCI	H07+6.83	U-BEND PWSCC
			SCI	H07+6.43	U-BEND PWSCC
	3	44	SAI	HTS-1.02	TTS PWSCC
	7	59	SAI	HTS-1.47	TTS PWSCC
	8	49	SAI	HTS-1.14	TTS PWSCC
	8	53	SAI	HTS-.92	TTS PWSCC
	8	57	SAI	HTS-1.45	TTS PWSCC
	8	59	SAI	HTS-.22	TTS PWSCC
	8	63	SAI	HTS-1.80	TTS PWSCC

Steam Generator (S/G) Tube Plugging List  
Sequoyah Nuclear Plant  
Unit 2 Cycle 6

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S/G	ROW	COL	%	LOCATION	REASON FOR PLUGGING
2	8	66	SAI	HTS-.93	TTS PWSCC
	8	75	SAI	HTS-.96	TTS PWSCC
	12	19	SAI	HTS-1.43	TTS PWSCC
	16	73	SAI	HTS-.10	TTS PWSCC
	21	37	61	H01+42.53	OD INDICATION
	22	38	SAI	HTS-.75	TTS PWSCC
	24	67	41	AV2-.14	AVB WEAR
			42	AV3-.29	AVB WEAR
	25	54	SAI	HTS-.96	TTS PWSCC
	32	55	40	AV3-.18	AVB WEAR
	34	64	41	AV2+.00	AVB WEAR
3	1	1	SAI	H07+2.62	U-BEND PWSCC
	1	7	MAI	H07+7.30	U-BEND PWSCC
	1	13	SAI	H07+7.37	U-BEND PWSCC
	1	14	SAI	H07+7.36	U-BEND PWSCC
	1	32	SAI	H07+3.74	U-BEND PWSCC
	1	34	SAI	H07+4.16	U-BEND PWSCC
	1	35	SAI	H07+3.53	U-BEND PWSCC
	1	43	SCI	H07+7.48	U-BEND PWSCC
	1	44	SCI	H07+7.46	U-BEND PWSCC
	6	51	SAI	H01+.09	TSP ODSCC
	8	54	SAI	H01+.17	TSP ODSCC
	13	8	SAI	H01+.19	TSP ODSCC
	14	50	SAI	HTS-1.03	TTS PWSCC
	17	30	MAI	H01+.19	TSP ODSCC
	19	7	SAI	H01+.19	TSP ODSCC
	23	21	SAI	HTS-.39	TTS PWSCC
	23	28	SAI	HTS-1.17	TTS PWSCC
	32	16	48	C01+.00	C/L WASTAGE
	44	62	39	C01-.24	C/L WASTAGE
	45	36	42	C01-.05	C/L WASTAGE
4	8	46	SAI	H01+.23	TSP ODSCC
	28	69	SAI	H01+.17	TSP ODSCC

TOTALS

S/G 1 - 14  
S/G 2 - 39  
S/G 3 - 20  
S/G 4 - 2

DEFINITIONS

AV2	Second anti-vibration bar above hot leg	ODSCC	Outside Diameter Stress Corrosion
AV3	Third anti-vibration bar above hot leg	PWSCC	Primary Water Stress Corrosion Cr
C01	First support plate - cold leg	SAI	Single Axial Indication
H01	First support plate - hot leg	SCI	Single Circumferential Indication
H07	Seventh support plate - hot leg	TSP	Tube Support Plate
HTS	Top of tubesheet - hot leg	TTS	Top of Tubesheet
MAI	Multiple Axial Indications		