



Tennessee Valley Authority, P.O. Box 2000, Soddy-Daisy, Tennessee 37203

J. L. Wilson
Vice President, Sequoyah Nuclear Plant

May 4, 1992

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

Gentlemen:

In the Matter of) Docket No. 50-328
Tennessee Valley Authority)

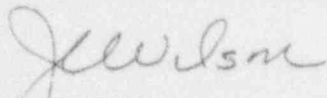
SEQUOYAH NUCLEAR PLANT (SQN) - UNIT 2 STEAM GENERATOR (SG) TUBE PLUGGING

As required by SQN Technical Specification 4.4.5.5.a, this submittal provides notification of SG tube plugging during the Unit 2 Cycle 5 refueling outage. The in-service inspection of the SG tubes was completed on April 19, 1992. TVA will submit a special report of the results of this inspection on or before April 19, 1993.

Enclosure 1 contains a summary of the tubes plugged in Unit 2 during this outage. The summary statement of the commitment contained in this letter is provided in Enclosure 2.

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

Sincerely,


J. L. Wilson

Enclosures
cc: See page 2

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cc (Enclosures):

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ENCLOSURE 1

UNIT 2 CYCLE 5 REFUELING OUTAGE
STEAM GENERATOR TUBE PLUGGING SUMMARY

Steam Generator (SG) Tube Plugging List
Sequoyah Nuclear Plant
Unit 2 Cycle 5

<u>SG</u>	<u>Row</u>	<u>Col</u>	<u>Location</u>	<u>%</u>	<u>Reason for Plugging</u>
1	8	54	HTS - 0.57	SAI	PWSCC
	33	56	AV3 + 0.0	44	AVB wear
	33	58	AV2 + 0.0	42	AVB wear
			AVJ + 0.0	42	AVB wear
	34	47	AV3 + 0.0	39	AVB wear
	46	46	CO1 + 0.12	37	Cold leg wastage
2	3	52	HTS - 0.64	SAI	PWSCC
	3	55	HTS - 0.51	SAI	PWSCC
	8	19	HTS - 0.09	COI	PWSCC
	8	54	HTS - 0.54	SAI	PWSCC
	9	26	HTS - 1.42	SAI	PWSCC
	9	60	HTS - 2.49	MAI	PWSCC
	11	3	CO1 - 0.22	38	Cold leg wastage
	12	67	HTS - 0.05	COI	PWSCC
	13	79	HTS - 0.34	SAI	PWSCC
	25	45	HTS - 0.50	SAI	PWSCC
	26	12	H01 + 0.0	55	O.D. indication
	29	34	AV3 + 0.0	40	AVB wear
	30	51	HTS - 1.12	SAI	PWSCC
	31	13	CO1 + 0.0	37	Cold leg wastage
	32	59	AV2 + 0.0	42	AVB wear
	34	77	CO1 - 0.30	39	Cold leg wastage
	35	18	CO2 + 0.0	45	Cold leg wastage
	43	33	CO1 + 0.21	57	Cold leg wastage
	43	36	CO1 + 0.0	57	Cold leg wastage
3	12	54	HTS - 0.75	SAI	PWSCC
	12	61	HTS - 2.19	SAI	PWSCC
	15	70	HTS - 1.09	SAI	PWSCC
	18	25	HTS - 0.91	SAI	PWSCC
	22	31	HTS - 0.45	SAI	PWSCC
	22	33	HTS - 2.54	SAI	PWSCC
	25	32	HTS - 2.48	SAI	PWSCC
	34	44	AV3 + 0.0	43	AVB wear
	35	77	CO1 - 0.20	66	Cold leg wastage
	36	77	CO1 - 0.20	35	Cold leg wastage
	44	36	CO2 + 0.0	39	Cold leg wastage
30	25	HTS - 0.49	SAI	PWSCC	
4	4	1	CO1 + 0.0	45	Cold leg wastage
	38	22	CO2 + 0.0	45	Cold leg wastage

TOTALS

SG 1 - 5 (104 cumulative)
SG 2 - 19 (119 cumulative)
SG 3 - 12 (108 cumulative)
SG 4 - 2 (103 cumulative)
TOTAL - 38

DEFINITIONS

AV2 Second anti-vibration bar above hot leg
AV3 Third anti-vibration bar above hot leg
AVB Anti-vibration bar
C01 First support plate - cold leg
C02 Second support plate - cold leg
H01 First support plate - hot leg
HTS Top of tube sheet - hot leg
SAI Single axial indication
COI Circumferential indication
MAI Multiple axial indication
PWSCC Primary water stress corrosion cracking

ENCLOSURE 2

LIST OF COMMITMENTS

TVA will submit a special report of the results of the Unit 2 Cycle 5 steam generator in-service inspection on or before April 19, 1993.