



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

October 26, 1995

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

Gentlemen:

In the Matter of)
Tennessee Valley Authority)

Docket No. 50-327

SEQUOYAH NUCLEAR PLANT (SQN) - UNIT 1 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 1 Cycle 7 refueling outage. The in-service inspection of the Unit 1 SG tubes was completed on October 20, 1995. In accordance with SQN TS 4.4.5.5.b, TVA will submit a special report of the results of this inspection on or before October 19, 1996.

Enclosed is a summary of the tubes plugged during the Unit 1 Cycle 7 refueling outage.

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

Sincerely,

R. H. Shell
Manager
SQN Site Licensing

Enclosure
cc: See page 2

010066

9511030009 951026
PDR ADOCK 05000327
P PDR

D030

U.S. Nuclear Regulatory Commission
Page 2
October 26, 1995

cc (Enclosure):

Mr. D. E. LaBarge, Project Manager
Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852-2739

NRC Resident Inspector
Sequoyah Nuclear Plant
2600 Igou Ferry Road
Soddy-Daisy, Tennessee 37379-3624

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

ENCLOSURE

SEQUOYAH NUCLEAR PLANT

UNIT 1 CYCLE 7 REFUELING OUTAGE

STEAM GENERATOR TUBE PLUGGING SUMMARY

18-Oct-95

| SG | ROW | COL | INDICATION | LOCATION | CHARACTERIZATION |
|----|-----|-----|------------|----------|------------------|
| 1 | 1 | 79 | SCI | H01+.38 | ODSCC TSP CIRC |
| 1 | 4 | 2 | 94 | HTE+3.88 | PWSCC HTS |
| 1 | 6 | 26 | PI | H01-.05 | ODSCC TSP |
| 1 | 8 | 60 | SCI | H01+.36 | ODSCC TSP CIRC |
| 1 | 9 | 55 | PI | H01+.09 | ODSCC TSP |
| 1 | 9 | 92 | SAI | H01+.00 | PWSCC TSP |
| 1 | 10 | 2 | SCI | H01+.39 | ODSCC TSP CIRC |
| 1 | 11 | 60 | SCI | H01-.24 | ODSCC TSP CIRC |
| 1 | 11 | 61 | SCI | H01-.27 | ODSCC TSP CIRC |
| 1 | 12 | 51 | SAI | H01-.03 | PWSCC TSP |
| 1 | 12 | 61 | SCI | H01-.28 | ODSCC TSP CIRC |
| 1 | 15 | 64 | SCI | HTS-.24 | PWSCC HTS |
| 1 | 15 | 66 | SCI | HTS-.17 | PWSCC HTS |
| 1 | 25 | 42 | SCI | HTS-.20 | PWSCC HTS |
| 1 | 28 | 43 | SCI | HTS-.25 | PWSCC HTS |
| 1 | 42 | 33 | SCI | H01-.41 | ODSCC TSP CIRC |

TOTAL PLUGS THIS GENERATOR 16

| | | | | | |
|---|----|----|-----|----------|-----------|
| 2 | 2 | 54 | SAI | HTS-.13 | PWSCC HTS |
| 2 | 3 | 73 | SAI | HTS-2.64 | PWSCC HTS |
| 2 | 4 | 39 | SCI | HTS-.26 | PWSCC HTS |
| 2 | 6 | 32 | 63 | H01+.08 | OD IND |
| 2 | 7 | 22 | SCI | HTS-.24 | PWSCC HTS |
| 2 | 9 | 72 | SCI | HTS-.13 | PWSCC HTS |
| 2 | 10 | 31 | SAI | H01+.00 | PWSCC TSP |
| 2 | 10 | 36 | SCI | HTS-.20 | PWSCC HTS |
| 2 | 10 | 37 | SCI | HTS-.15 | PWSCC HTS |
| 2 | 12 | 19 | MCI | HTS-.05 | PWSCC HTS |
| 2 | 12 | 34 | SCI | HTS-.13 | PWSCC HTS |
| 2 | 13 | 26 | SCI | HTS-.20 | PWSCC HTS |
| 2 | 13 | 32 | SCI | HTS-.15 | PWSCC HTS |

| SG | ROW | COL | INDICATION | LOCATION | CHARACTERIZATION |
|----|-----|-----|------------|----------|----------------------|
| 2 | 14 | 23 | | | Preventively Plugged |
| 2 | 15 | 22 | SCI | HTS-.08 | PWSCC HTS |
| 2 | 15 | 23 | SCI | HTS-.19 | PWSCC HTS |
| 2 | 15 | 24 | | | Preventively Plugged |
| 2 | 15 | 38 | SCI | HTS-.16 | PWSCC HTS |
| 2 | 15 | 80 | SCI | HTS-1.62 | PWSCC HTS |
| 2 | 16 | 5 | SCI | HTS-.34 | PWSCC HTS |
| 2 | 16 | 23 | | | Preventively Plugged |
| 2 | 16 | 38 | MCI | HTS-.16 | PWSCC HTS |
| 2 | 16 | 73 | SAI | HTS-1.15 | PWSCC HTS |
| 2 | 17 | 21 | SCI | HTS-.13 | PWSCC HTS |
| 2 | 17 | 26 | SCI | HTS-.24 | PWSCC HTS |
| 2 | 18 | 26 | MCI | HTS-.21 | PWSCC HTS |
| 2 | 18 | 28 | SCI | HTS-.19 | PWSCC HTS |
| 2 | 18 | 36 | SCI | HTS-.13 | PWSCC HTS |
| 2 | 19 | 23 | SCI | HTS-.12 | PWSCC HTS |
| 2 | 19 | 25 | SCI | HTS-.14 | PWSCC HTS |
| 2 | 19 | 26 | SCI | HTS-.13 | PWSCC HTS |
| 2 | 19 | 49 | SCI | HTS-.23 | PWSCC HTS |
| 2 | 19 | 51 | SCI | HTS-.05 | PWSCC HTS |
| 2 | 21 | 27 | SCI | HTS-.29 | PWSCC HTS |
| 2 | 21 | 30 | MCI | HTS-.49 | PWSCC HTS |
| 2 | 22 | 16 | SAI | HTS-.49 | PWSCC HTS |
| 2 | 22 | 29 | SCI | HTS-.24 | PWSCC HTS |
| 2 | 23 | 30 | SCI | HTS-.15 | PWSCC HTS |
| 2 | 24 | 40 | SCI | HTS-.14 | PWSCC HTS |
| 2 | 25 | 34 | SCI | HTS-.08 | PWSCC HTS |
| 2 | 25 | 66 | SCI | HTS-.19 | PWSCC HTS |
| 2 | 28 | 52 | SCI | HTS-.02 | PWSCC HTS |
| 2 | 28 | 54 | SCI | HTS-.26 | PWSCC HTS |
| 2 | 29 | 38 | SCI | HTS-.12 | PWSCC HTS |
| 2 | 29 | 49 | SCI | HTS-.37 | PWSCC HTS |
| 2 | 29 | 54 | SCI | HTS-.11 | PWSCC HTS |

| SG | ROW | COL | INDICATION | LOCATION | CHARACTERIZATION |
|----|-----|-----|------------|----------|------------------|
| 2 | 29 | 59 | SCI | HTS-.09 | PWSCC HTS |
| 2 | 32 | 37 | SAI | HTS-.25 | PWSCC HTS |
| 2 | 32 | 57 | SCI | HTS-.17 | PWSCC HTS |
| 2 | 41 | 49 | SCI | HTS-.16 | PWSCC HTS |
| 2 | 43 | 59 | SCI | HTS-.09 | PWSCC HTS |

TOTAL PLUGS THIS GENERATOR 51

| | | | | | |
|---|----|----|-----|---------|----------------|
| 3 | 1 | 69 | SCI | H01+.00 | ODSCC TSP CIRC |
| 3 | 1 | 74 | SCI | H01+.00 | ODSCC TSP CIRC |
| 3 | 1 | 85 | SCI | H01-.06 | ODSCC TSP CIRC |
| 3 | 2 | 74 | SCI | H01-.26 | ODSCC TSP CIRC |
| 3 | 2 | 77 | SAI | H01-.24 | PWSCC TSP |
| 3 | 2 | 79 | SCI | H01+.00 | ODSCC TSP CIRC |
| 3 | 2 | 82 | SCI | H01-.07 | ODSCC TSP CIRC |
| 3 | 2 | 84 | SCI | H01+.45 | ODSCC TSP CIRC |
| 3 | 3 | 78 | SCI | H01-.39 | ODSCC TSP CIRC |
| 3 | 4 | 53 | SCI | HTS+.00 | PWSCC HTS |
| 3 | 4 | 54 | SCI | HTS+.03 | PWSCC HTS |
| 3 | 4 | 63 | SAI | H01-.12 | PWSCC TSP |
| 3 | 4 | 94 | SCI | H01+.17 | ODSCC TSP CIRC |
| 3 | 6 | 53 | MCI | HTS-.15 | PWSCC HTS |
| 3 | 6 | 57 | SCI | HTS-.04 | PWSCC HTS |
| 3 | 6 | 93 | SAI | H01+.12 | PWSCC TSP |
| 3 | 7 | 49 | MCI | HTS-.07 | PWSCC HTS |
| 3 | 7 | 73 | SCI | HTS-.23 | PWSCC HTS |
| 3 | 8 | 11 | SAI | H02+.42 | PWSCC TSP |
| 3 | 8 | 18 | SCI | HTS-.06 | PWSCC HTS |
| 3 | 8 | 52 | SCI | HTS-.05 | PWSCC HTS |
| 3 | 8 | 58 | SCI | HTS-.18 | PWSCC HTS |
| 3 | 8 | 75 | MCI | HTS-.24 | PWSCC HTS |
| 3 | 8 | 91 | SAI | H01+.03 | ODSCC TSP |
| 3 | 9 | 76 | SCI | HTS-.24 | PWSCC HTS |
| 3 | 11 | 61 | SCI | HTS-.12 | PWSCC HTS |

| SG | ROW | COL | INDICATION | LOCATION | CHARACTERIZATION |
|----|-----|-----|------------|----------|------------------|
| 3 | 11 | 71 | SAI | H01-.19 | PWSCC TSP |
| 3 | 13 | 37 | SAI | H01+.34 | PWSCC TSP |
| 3 | 14 | 61 | SAI | H01+.97 | PWSCC TSP |
| 3 | 14 | 71 | SAI | H01+.41 | PWSCC TSP |
| 3 | 14 | 80 | SAI | H02+.73 | PWSCC TSP |
| 3 | 15 | 66 | SCI | HTS-.29 | PWSCC HTS |
| 3 | 16 | 45 | SCI | HTS-.37 | PWSCC HTS |
| 3 | 17 | 64 | SAI | H02+.13 | PWSCC TSP |
| 3 | 18 | 50 | SCI | HTS+.00 | PWSCC HTS |
| 3 | 18 | 61 | SAI | H01+.70 | PWSCC TSP |
| 3 | 21 | 33 | SAI | H01-.23 | PWSCC TSP |
| 3 | 21 | 68 | SAI | H01+.71 | PWSCC TSP |
| 3 | 23 | 75 | 93 | H01+.00 | OD IND |
| 3 | 26 | 48 | SCI | HTS-.33 | PWSCC HTS |
| 3 | 26 | 63 | SCI | HTS-.18 | PWSCC HTS |
| 3 | 26 | 67 | SCI | H01+.30 | ODSCC TSP CIRC |
| 3 | 26 | 68 | SAI | H01+.07 | PWSCC TSP |
| 3 | 26 | 77 | SAI | H01+.22 | PWSCC TSP |
| 3 | 30 | 58 | SCI | HTS-.30 | PWSCC HTS |
| 3 | 33 | 70 | SAI | H01+.23 | PWSCC TSP |
| 3 | 38 | 66 | SAI | H01-.12 | PWSCC TSP |

TOTAL PLUGS THIS GENERATOR

47

| | | | | | |
|---|---|----|-----|---------|----------------|
| 4 | 1 | 13 | SCI | H01+.38 | ODSCC TSP CIRC |
| 4 | 1 | 18 | SAI | H01+.38 | PWSCC TSP |
| 4 | 1 | 39 | SCI | H01-.38 | ODSCC TSP CIRC |
| 4 | 1 | 75 | SCI | H01+.00 | ODSCC TSP CIRC |
| 4 | 2 | 13 | SCI | H01-.19 | OD TSP CRACK |
| 4 | 2 | 15 | SCI | H02-.10 | ODSCC TSP CIRC |
| 4 | 3 | 15 | SCI | H01-.29 | ODSCC TSP CIRC |
| 4 | 3 | 53 | 87 | H01+.03 | PWSCC TSP |
| 4 | 4 | 41 | SCI | H03+.19 | ODSCC TSP CIRC |
| 4 | 5 | 64 | 94 | H01-.22 | PWSCC TSP |

| SG ² | ROW | COL | INDICATION | LOCATION | CHARACTERIZATION |
|-----------------|-----|-----|------------|----------|------------------|
| 4 | 7 | 77 | SCI | HTS+.00 | PWSCC HTS |
| 4 | 8 | 30 | SCI | HTS-.07 | PWSCC HTS |
| 4 | 8 | 48 | SAI | H01-.01 | PWSCC TSP |
| 4 | 9 | 32 | 81 | H03-.28 | PWSCC TSP |
| 4 | 11 | 73 | SAI | H01-.05 | PWSCC TSP |
| 4 | 12 | 26 | SCI | HTS-.13 | PWSCC HTS |
| 4 | 12 | 28 | SCI | HTS-.09 | PWSCC HTS |
| 4 | 12 | 31 | SCI | HTS-.10 | PWSCC HTS |
| 4 | 13 | 39 | SCI | HTS-.17 | PWSCC HTS |
| 4 | 13 | 47 | MCI | HTS-.06 | PWSCC HTS |
| 4 | 14 | 30 | SAI | HTS-2.14 | PWSCC HTS |
| 4 | 14 | 41 | SCI | HTS-.04 | PWSCC HTS |
| 4 | 14 | 52 | SCI | HTS-.10 | PWSCC HTS |
| 4 | 15 | 38 | SCI | HTS-.01 | PWSCC HTS |
| 4 | 15 | 48 | SCI | HTS-.15 | PWSCC HTS |
| 4 | 16 | 32 | SCI | HTS-.06 | PWSCC HTS |
| 4 | 16 | 45 | SAI | H01+.41 | PWSCC TSP |
| 4 | 17 | 46 | 66 | H03-.58 | PWSCC TSP |
| 4 | 17 | 63 | PI | H02-.08 | PWSCC TSP |
| 4 | 18 | 27 | SCI | HTS-.18 | PWSCC HTS |
| 4 | 18 | 41 | SCI | HTS-.08 | PWSCC HTS |
| 4 | 18 | 46 | SCI | HTS-.04 | PWSCC HTS |
| 4 | 19 | 38 | SCI | HTS-.07 | PWSCC HTS |
| 4 | 19 | 39 | SCI | HTS+.00 | PWSCC HTS |
| 4 | 19 | 49 | 91 | H01-.08 | PWSCC TSP |
| 4 | 19 | 61 | SCI | HTS-.02 | PWSCC HTS |
| 4 | 20 | 46 | SCI | HTS+.10 | PWSCC HTS |
| 4 | 21 | 70 | SAI | HTS-.31 | PWSCC HTS |
| 4 | 22 | 44 | SAI | HTS-.01 | PWSCC HTS |
| 4 | 26 | 20 | SAI | H02+.09 | PWSCC TSP |
| 4 | 28 | 15 | SAI | H01+.00 | PWSCC TSP |
| 4 | 29 | 47 | 46 | AV4-.40 | AVB WEAR |
| 4 | 30 | 15 | SAI | H01+.18 | PWSCC TSP |

| SG | ROW | COL | INDICATION | LOCATION | CHARACTERIZATION |
|----|-----|-----|------------|----------|------------------|
| 4 | 32 | 17 | SAI | HTS-.10 | PWSCC HTS |
| 4 | 32 | 20 | MAI | H02+.00 | PWSCC TSP |
| 4 | 34 | 16 | SAI | H01+.14 | PWSCC TSP |
| 4 | 35 | 25 | 95 | H03+.73 | PWSCC TSP |
| 4 | 36 | 53 | SAI | H01+.09 | PWSCC TSP |
| 4 | 36 | 57 | SAI | H01+.23 | PWSCC TSP |
| 4 | 42 | 32 | 69 | H01+.08 | PWSCC TSP |

TOTAL PLUGS THIS GENERATOR 50

Prepared By: Emmett Conr

Verified By: William David James