

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

October 26, 1987

United States Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D. C. 20555

Serial No. 87-474E
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Docket No. 50-338
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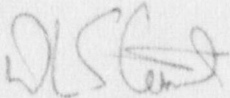
Gentlemen:

Virginia Electric and Power Company
North Anna Power Station Unit 1
Steam Generator Tube Plugging Report Supplement

As requested by the NRC Project Manager, the attached information regarding preventive plugging of Unit 1 steam generator tubes is provided.

If you require further information, please feel free to contact me.

Very truly yours,



W. L. Stewart

Attachment

cc: U.S. Nuclear Regulatory Commission
101 Marietta Street, N.W.
Suite 2900
Atlanta, GA 30323

Mr. J. L. Caldwell
NRC Senior Resident Inspector
North Anna Power Station

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Steam Generator "A"

The following table lists those tubes which were preventively plugged with a Sentinel plug on the cold leg side and a solid mechanical plug on the hot leg side.

<u>Row</u>	<u>Column</u>	<u>Row</u>	<u>Column</u>
9	2	9	45
10	~	10	45
8	3	9	46
10	3	10	46
11	3	11	46
12	3	9	47
13	3	10	47
8	4	11	47
10	4	9	48
11	4	10	52
10	5	11	52
11	5	12	52
10	7	10	53
11	7	12	53
10	8	9	54
11	8	10	54
9	14	11	54
9	24	12	54
9	32	9	59
10	32	10	59
10	33	11	59
9	35	9	60
10	35	11	60
10	36	9	61
10	37	10	61
11	37	11	61
9	38	9	66
10	38	10	72
11	38	10	73
10	39	10	76
11	39	10	77
9	40	10	78
10	40	11	78
11	40	12	78
9	41	10	79
10	41	11	79
11	41	12	79
9	42	10	93
9	43	11	93
10	44	12	93

Steam Generator "B"

The following table lists those tubes which were preventively plugged with a Sentinel plug on the cold leg side and a solid mechanical plug on the hot leg side.

<u>Row</u>	<u>Column</u>
10	2
11	2
11	3
12	3
13	3
9	23
9	30
9	34
9	44
10	93
11	93
12	93

Steam Generator "C"

The following table lists those tubes which were preventively plugged with a Sentinel plug on the cold leg side and a solid mechanical plug on the hot leg side.

<u>Row</u>	<u>Column</u>	<u>Row</u>	<u>Column</u>
10	2	11	30
11	2	9	31
12	2	10	31
10	3	11	31
10	4	10	32
10	5	11	32
10	6	9	37
9	15	9	42
9	17	9	44
10	18	9	45
9	19	10	45
10	19	9	46
10	20	10	46
10	22	9	47
10	23	10	47
9	24	10	48
10	24	9	49
11	24	9	56
9	25	9	61
10	25	9	63
11	25	9	64
10	26	9	65
11	26	9	66
10	27	9	67
9	28	9	68
10	28	9	75
10	29	10	93
9	30	11	93
10	30	12	93

Steam Generator "C"

The tubes listed in the following table were preventively plugged (Sentinel plug on cold leg side and solid mechanical plug on hot leg side) in association with the stabilization of the failed tube in Steam Generator C (Row 9 Column 51). Two tubes in addition to the failed tube (Row 10, Column 51 and Row 11, Column 51) were plugged with solid mechanical plugs due to eddy current indications.

	<u>Row</u>	<u>Column</u>
Sentinel Plug	8	50
Sentinel Plug	9	50
Sentinel Plug	10	50
Sentinel Plug	11	50
Sentinel Plug	12	50
Sentinel Plug	8	51
Sentinel Plug	12	51
Sentinel Plug	8	52
Sentinel Plug	9	52
Sentinel Plug	10	52
Sentinel Plug	11	52
Sentinel Plug	12	52
Solid Mechanical Plug	9	51
Solid Mechanical Plug	10	51
Solid Mechanical Plug	11	51