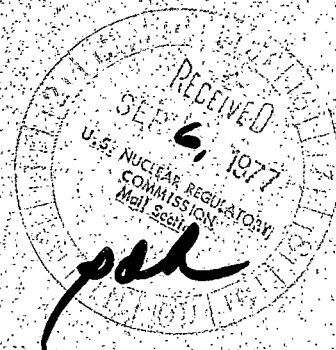


VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

September 1, 1977



Regulatory

File CV

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Region II - Suite 818
230 Peachtree Street, Northwest
Atlanta, Georgia 30303

Serial No. 381
PO&M/TAP:das
Docket No. 50-281
License No. DPR-37

Dear Mr. O'Reilly:

Pursuant to Surry Power Station Technical Specification 6.6.2, the Virginia Electric and Power Company hereby submits a copy of Reportable Occurrence No. RO-S1-77-06.

The substance of this report has been reviewed by the Station Nuclear Safety and Operating Committee and will be placed on the agenda for the next meeting of the System Nuclear Safety and Operating Committee.

Very truly yours,

C. M. Stallings

C. M. Stallings
Vice President-Power Supply
and Production Operations

Enclosures

40 copies RO-S2-77-06

cc: Mr. Robert W. Reid, Chief ✓
Operating Reactors Branch 4

772490115

LICENSEE EVENT REPORT

CONTROL BLOCK:

--	--	--	--	--	--	--	--	--	--

PLEASE PRINT ALL REQUIRED INFORMATION

LICENSEE NAME:

01	V	A	S	P	S	2
7	8	9	14	15	25	30

 LICENSE NUMBER:

0	0	-	0	0	0	0	0	-	0	0
15	25	26	30	31	32					

 LICENSE TYPE:

4	1	1	1	0
26	30			

 EVENT TYPE:

0	3
31	32

CATEGORY:

01	CONT	P	0
7	8	57	58

 REPORT TYPE:

L
59

 REPORT SOURCE:

L
60

 DOCKET NUMBER:

0	5	0	-	0	2	8	1
61	68	69	74	75	80		

 EVENT DATE:

0	8	0	7	7	7
69	74				

 REPORT DATE:

0	8	3	0	7	7
75	80				

EVENT DESCRIPTION

02 | During normal operation with the unit at 100% power, it was found that there was no
7 8 9 | 80
03 | flow of boric acid from the Boric Acid Transfer Pumps to the Charging Pumps. This is
7 8 9 | 80
04 | a violation of Technical Specification 3.2.C(4) and reportable per Technical Specifica-
7 8 9 | 80
05 | tion 6.6.2.b(2). Unit rampdown was commenced and the operability of the path from the
7 8 9 | 80
06 | refueling water storage tanks to the charging pumps was verified. (Continued)
7 8 9 | 80

SYSTEM CODE:

P	C
7	9

 CAUSE CODE:

B
11

 COMPONENT CODE:

P	I	P	E	X	X
12	17				

 PRIME COMPONENT SUPPLIER:

L
43

 COMPONENT MANUFACTURER:

Z	9	9	9
44	47		

 VIOLATION:

Y
48

CAUSE DESCRIPTION

08 | The stoppage was the result of the solidification of boron in the lines. Two boron
7 8 9 | 80
09 | plugs were found and removed from the normal boration and emergency boration lines.
7 8 9 | 80
10 | One of the plugs were caused by inadequate insulation at an elbow in the (Continued)
7 8 9 | 80

FACILITY STATUS:

E
9

 % POWER:

1	0	0
10	12	13

 OTHER STATUS:

N/A
44

 METHOD OF DISCOVERY:

B
45

 DISCOVERY DESCRIPTION:

N/A
46

FORM OF ACTIVITY RELEASED:

Z
9

 CONTENT OF RELEASE:

Z
10

 AMOUNT OF ACTIVITY:

N/A
44

 LOCATION OF RELEASE:

N/A
45

PERSONNEL EXPOSURES

13 | NUMBER:

0	0	0
7	8	9

 TYPE:

Z
12

 DESCRIPTION:

N/A
13

PERSONNEL INJURIES

14 | NUMBER:

0	0	0
7	8	9

 DESCRIPTION:

N/A
12

OFFSITE CONSEQUENCES

15 | N/A
7 8 9 | 80

LOSS OR DAMAGE TO FACILITY

16 | TYPE:

Z
7

 DESCRIPTION:

N/A
10

PUBLICITY

17 | N/A
7 8 9 | 80

ADDITIONAL FACTORS

18 | The health and safety of the general public were not affected.
7 8 9 | 80

19 |
7 8 9 | 80

NAME: T. L. Baucom

PHONE: (804) 357-3184

EVENT DESCRIPTION (CONTINUED)

Corrective action was taken to find and remove the stoppage. This was achieved and the unit was returned to full power. This is not a repetitive occurrence. (RO-S2-77-06)

CAUSE DESCRIPTION (CONTINUED)

pipng, and the other was due to inadequate insulation of a flow transmitter. The elbow insulation and the insulation around the flow transmitter have been increased and the boration lines will be flushed periodically in an attempt to avoid stagnation and solidification of the boric acid.

RECEIVED DOCUMENT
PROCESSING UNIT

1977 SEP 6 AM 9 30