

LICENSEE EVENT REPORT

U. S. NUCLEAR REGULATORY COMMISSION

CONTROL BLOCK:

							(1)
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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | V A N A S | 1 | 2 | 0 0 - 0 0 0 0 0 0 - | 0 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5 |
8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 53

CON'T

REPORT SOURCE L 6 0 5 0 0 0 3 3 8 7 0 6 0 8 7 9 8 0 6 2 7 7 9 9

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During a power escalation, the Axial Flux Difference deviated greater than +5% from
0 3 | the target for a 16 minute duration. This event is contrary to T.S. 3.2.1. Since there
0 4 | was less than one hour penalty accumulation, operation was allowed to continue as per
0 5 | Action Statement a.2 of T.S. 3.2.1.

06 | This event is reportable as per T.S. 6.9.1.9.b. There are no generic implications.

07 | The health and safety of the general public were not affected by this event.

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SYSTEM CODE: R (9), C (10) (11)
 CAUSE CODE: X (12) (12)
 CAUSE SUBCODE: Z (13) (13)
 COMPONENT CODE: Z (13), Z (14), Z (15), Z (16), Z (17), Z (18) (14)
 COMP. SUBCODE: Z (19) (15)
 VALVE SUBCODE: Z (20) (16)

(17) LER/RO REPORT NUMBER
 SEQUENTIAL REPORT NO.
 OCCURRENCE CODE
 REPORT TYPE
 REVISION NO.

ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS				ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER					
X	18	Z	19	Z	20	Z	21	0	0	0	0	22	Y	23	N	24	Z	25	Z	9	9	9	26
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of the AFD deviation was a withdrawal of the control rods, during power escalation. Corrective action was to dilute the control rods in, which restored the AFD to within the target band. Surveillance of the AFD continued to prevent further AFD deviations.

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8 9
FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)

1 5 F (28) 0 7 8 (29) N/A A (31) Operator Observation

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)

1 6 7 33 7 34 N/A

LOCATION OF RELEASE (36)

N/A

PERSONNEL EXPOSURES										
NUMBER			TYPE	DESCRIPTION						
1	7	0	0	0	(37)	Z	(38)	N/A		

7	8	9	11	12	13	80
PERSONNEL INJURIES						
NUMBER		DESCRIPTION (41)				

1 2 3 4 5 6 7 8 9 10 11 12 N/A 2164 064 80
LOSS OF OR DAMAGE TO FACILITY (43)

TYPE		DESCRIPTION
1	9	N/A

PUBLICITY
ISSUED DESCRIPTION (45) 7906290 215 NRC USE ONLY
2 0 N (44) N/A

NAME OF PREPARER W. R. Cartwright

PHONE:

703-894-5151

NRC USE ONLY

SPD 917-926

Description of Event

On 6/8/79, during a power escalation, the Axial Flux Difference deviated greater than +5% from target for a 16 minute duration. This event is contrary to T.S. 3.2.1.

Since there was less than one hour penalty accumulation, operation was allowed to continue as per Action Statement a.2 of T.S. 3.2.1.

This event is reportable as per T.S. 6.9.1.9.b.

Probable Consequences of Occurrence

Surveillance of the Axial Flux Difference assures that the limits of the heat flux hot channel factor are not exceeded during normal operation or in the event of Xenon redistribution following power changes. This provides protection against exceeding the DNBR and peak fuel clad temperatures.

Since the AFD was returned to its limit within the time allotted, there was no effect upon the safe operation of the plant. As a result, the public health and safety was not affected. There are no generic implications.

Cause of Occurrence

The AFD deviation was the result of rod withdrawals during the power escalation.

Immediate Corrective Action:

Corrective Action was to dilute the control rods in, which restored the AFD to within the target band.

Scheduled Corrective Action:

Surveillance of the AFD continued during the power escalation to prevent further AFD deviations.

Actions Taken to Prevent Recurrence

No further actions are required.

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