

**LICENSEE EVENT REPORT**

CONTROL BLOCK: 

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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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		LICENSEE CODE							LICENSE NUMBER												LICENSE TYPE						CAT																																																																						

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REPORT SOURCE: L 6 0 5 0 0 0 3 3 8 7 0 2 2 5 7 9 8 0 3 1 6 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 routine startup operation, the axial flux difference deviated greater than

0 3 5% from target. A total of 37 penalty minutes was accumulated, the majority of this

0 4 time was below 50% power. Action Statement a.2 of T.S. 3.2.1 allows continued opera-

0 5 tion between 85% and 50% power if the penalty accumulation is less than 60 minutes,

0 6 therefore T.S. 3.2.1 was not violated. This event is reportable as per T.S. 6.9.1.9.b.

0	7	
0	8	

[illegible]

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of the AFD Deviation was a Xenon Transient which occurred during startup  
1 1 operation. Corrective action was a boration by the Reactor Operator which returned  
1 2 the AFD to within the target band. No further corrective action was required.

1	3	
1	4	

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

FACILITY STATUS (28) C

% POWER (29) 0 5 8

OTHER STATUS (30) NA

METHOD OF DISCOVERY (31) A

DISCOVERY DESCRIPTION (32) Operator Observation

ACTIVITY CONTENT  
RELEASED OF RELEASE

1 6 7 8 9 10 11

2 3 4 5 6 7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

45 80

LOCATION OF RELEASE (36)

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	NA	(39)

PERSONNEL INJURIES  
NUMBER DESCRIPTION (41)  
1 8 0 0 0 (40) NA

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PUBLICITY		ISSUED		DESCRIPTION		NRC USE ONLY									
2	0	N	44	NA 7903230141											
7	8	9	10												

NAME OF PREPARER

W. R. Cartwright

PHONE:

703-894-5151

Description of Event:

On 2/25/79, during a routine start-up operation, the Axial Flux Difference deviated greater than - 5% from the target, a total of 37 penalty minutes was accumulated.

Action statement a.2 of T.S. 3.2.1 allows continued operation between 85% and 50% if the penalty accumulation is less than 60 minutes. Therefore, T.S. 3.2.1 was not violated.

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 endangered.

Cause of Occurrence:

The cause of the AFD deviation was a Xenon transient which occurred during startup operations.

Immediate Corrective Action:

Corrective action was a boration by the reactor operator which returned the AFD to within the target band. Close surveillance of the AFD continued until the plant was returned to full power.

Scheduled Corrective Action:

No further action required.

Actions Taken To Prevent Recurrence:

No further action required.