

CONTROL BLOCK

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 A L J M F 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5  
7 8 9 14 15 25 26 30 37 CAT 38

REPORT  
SOURCE

1 0 5 0 0 0 3 6 4 0 1 1 8 8 2 0 2 1 7 8 2 9  
60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 At 2000 on 1/18/82, it was determined that the boron concentration in the 2C accumulator  
0 3 had fallen below the minimum required by Tech. Spec. 3.5.1.c (1894 ppm versus 1900 ppm  
0 4 required). Tech. Spec. 3.5.1 action statement requirements were met. Health/safety  
0 5 of the public was not affected.

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SYSTEM  
CODE

S F 11

CAUSE  
CODE

X 12

CAUSE  
SUBCODE

Z 13

COMPONENT CODE

Z Z Z Z Z Z Z 14

COMP  
SUBCODE

Z 15

VALVE  
SUBCODE

Z 16

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EVENT YEAR

8 2

SEQUENTIAL  
REPORT NO.

0 0 7

OCCURRENCE  
CODE

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REPORT  
TYPE

L

REVISION  
NO.

0

ACTION  
TAKEN

X 18 H 19

EFFECT  
ON PLANT

Z 20

SHUTDOWN  
METHOD

Z 21

HOURS

0 0 0 0

ATTACHMENT  
SUBMITTED

Y 23

NPRD-4  
FORM SUB

N 24

PRIME COMP.  
SUPPLIER

Z 25

COMPONENT  
MANUFACTURER

Z 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 A routine sample taken from the 2C accumulator at 1245 indicated that the boron  
1 1 concentration was below the Tech. Spec. minimum. Confirmatory sampling was immediately  
1 2 initiated yielding results in a narrow band both below and above the 1900 ppm limit.  
1 3 Feeding and bleeding of the accumulator from the refueling water storage tank was begun  
1 4 at 1824 hrs. as a precautionary measure pending further review. At 2000 hrs. the cause  
(Attached)

1 5 FACILITY STATUS 28 0 9 9 29 NA 30 31 Surveillance Test 32  
7 8 9 10 11 12 13 44 45 46 80

1 6 ACTIVITY CONTENT 33 34 NA 35 36 NA 37  
7 8 9 10 11 12 13 44 45 46 80

1 7 PERSONNEL EXPOSURES 37 38 NA 39  
7 8 9 10 11 12 13 44 45 46 80

1 8 PERSONNEL INJURIES 40 41 NA 42  
7 8 9 10 11 12 13 44 45 46 80

1 9 LOSS OF OR DAMAGE TO FACILITY 43 44 NA 45  
7 8 9 10 11 12 13 44 45 46 80

2 0 ISSUE 46 47 NA 48  
7 8 9 10 11 12 13 44 45 46 80

8203080402 820216  
PDR ADOCK 05000364  
PDR

NRC USE ONLY

NAME OF PREPARER W. G. Hairston, III

PHONE (205) 899-5156

## Cause Description and Corrective Actions

for the discrepancies (electrode drift) in the confirmatory sampling was ascertained and it was concluded that the boron concentration had been low (1894 ppm). It was also concluded at 2000 hrs. that the boron concentration in the 2C accumulator was above the minimum Tech. Spec. requirement at 1905 hrs. (1904 ppm) as a result of the feed and bleed operation. After the feed and bleed was terminated at 2215 hrs. another sample was taken at 2245 hrs to confirm that the boron concentration was well within the specification (1948 ppm).

The cause for the boron concentration going low could not be determined. However, a review of previous data revealed that it had been very close to the low limit prior to the incident and had not been adjusted to well within the band. The accumulator will be monitored to determine if there is any further drift in boron concentration.