

LICENSEE EVENT REPORT

Attachment 1 4410-83-L-0083

CONTROL BLOCK: [| | | | | |] 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 PATMI 2 00-000000-00 3 4 1 1 1 1 4 5

CON'T REPORT SOURCE L 6 050003 2 0 7 0 3 2 2 8 3 8 0 4 2 0 8 3 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 Incore Thermocouple H-13 began to exhibit erratic behavior; therefore, 03 in accordance with Technical Specification 3.3.3.6, Table 3.3-10, Item 04 10, this report is submitted. LER's 80-13, 80-41, 80-50, 80-53, 81-05, 05 81-13, and 82-15 concern thermocouple failures also. This event had no 06 adverse effects on the plant, its operation, or the health and safety of 07 the public.

09 SYSTEM CODE [X X] 11 CAUSE CODE [E] 12 CAUSE SUBCODE [X] 13 COMPONENT CODE [I N S T R U] 14 COMP. SUBCODE [E] 15 VALVE SUBCODE [Z] 16

17 LER/RO REPORT NUMBER [8 3] 21 22 [] 23 SEQUENTIAL REPORT NO. [0 1 0] 24 26 [] 27 OCCURRENCE CODE [0 1] 28 29 [] 30 REPORT TYPE [] 31 [] 32 REVISION NO. [0] 33 ACTION TAKEN [Z] 18 34 FUTURE ACTION [Z] 19 EFFECT ON PLANT [Z] 20 SHUTDOWN METHOD [Z] 21 HOURS [0 0 0 0 0] 22 ATTACHMENT SUBMITTED [Y] 23 NPRD-4 FORM SUB. [N] 24 PRIME COMP. SUPPLIER [N] 25 COMPONENT MANUFACTURER [B 1 5 5] 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The reason for the failure of Thermocouple H-13 is not known and may not be possible to 11 determine given the condition of the Unit 2 core relative to incore instrumentation. 12 To date, no adverse trend in the overall incore thermocouple system behavior has 13 become apparent. Therefore, no further action is considered applicable.

15 FACILITY STATUS [X] 28 % POWER [0 0 0 0] 29 OTHER STATUS [Recovery Mode] 30 METHOD OF DISCOVERY [B] 31 DISCOVERY DESCRIPTION [Operator review of data] 32

16 ACTIVITY CONTENT [Z] 33 34 RELEASED OF RELEASE [Z] 34 AMOUNT OF ACTIVITY [N/A] 35 LOCATION OF RELEASE [N/A] 36

17 PERSONNEL EXPOSURES NUMBER [0 0 0] 37 TYPE [Z] 38 DESCRIPTION [N/A] 39

18 PERSONNEL INJURIES NUMBER [0 0 0] 40 DESCRIPTION [N/A] 41

19 LOSS OF OR DAMAGE TO FACILITY TYPE [Z] 42 DESCRIPTION [N/A] 43 8305030535 830420 PDR ADPOCK 05000320 S PDR

20 PUBLICITY ISSUED [N] 44 DESCRIPTION [N/A] 45 NRC USE ONLY

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LER 83-010/01L-0
EVENT DATE - March 22, 1983

I. EXPLANATION OF OCCURRENCE

Incore Thermocouple H13 began to exhibit erratic behavior; therefore, in accordance with Technical Specification 3.3.3.6, Table 3.3-10, Item 10, this report is being submitted.

To date, eight (8) LER's, including this one, concern thermocouple failures. The others are LER 80-13, 80-41, 80-50, 80-53, 81-05, 81-13, and 82-15. This LER reports the first thermocouple failure since May 17, 1982.

There are now thirteen (13) of the fifty-two (52) incore thermocouples reported as being out-of-service (D-14, E-11, G-5, H-9, H-13, K-12, L-6, L-11, L-13, M-9, N-8, N-9, and O-12). However, five (5) of these thermocouples (including D-14, L-11, M-9, N-8, and N-9) presently appear to be functioning properly and are being used to help monitor incore condition as long as they are functioning correctly.

II. CAUSES OF THE OCCURRENCE

The precise reason for the failure/erratic behavior of Incore Thermocouple H-13 is not known and may not be possible to determine given the condition of the Unit 2 core relative to incore instrumentation.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit 2 facility was in a long-term cold shutdown state. The reactor decay heat was being removed via loss to ambient. Throughout the event there was no effect on the Reactor Coolant System or the core.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

Incore Thermocouple H-13 was checked to ensure that the problem is not in any component that is accessible for repairs.

To date, no adverse trend in the overall incore thermocouple failure rate has become apparent. Therefore, no further action is considered applicable.

V. COMPONENT FAILURE DATA

The failed thermocouple was a Type K (Chromium/Alumel) thermocouple, Model No. DAZA-76-7R-1B-1T-1C, supplied by Babcock and Wilcox, manufactured by Bel Fab, Inc.