

APR 26 1985

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LICENSEE EVENT REPORT (LER)

B&W

FACILITY NAME (1) Three Mile Island Unit 2 DOCKET NUMBER (2) 050003201 OF 01 PAGE (3) 1

TITLE (4) Incore Thermocouple fails

EVENT DATE (5) 03/03/85 LER NUMBER (6) 003-0003 REVISION NUMBER 003 REPORT DATE (7) 03/25/85 OTHER FACILITIES INVOLVED (8)

OPERATING MODE (9) N THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11) 20.402(b) 20.406(a)(1)(i) 20.406(a)(1)(ii) 20.406(a)(1)(iii) 20.406(a)(1)(iv) 20.406(a)(1)(v) 20.406(a)(1)(vi) 20.406(a)(1)(vii) 20.406(a)(1)(viii) 20.406(a)(1)(ix) 20.406(a)(1)(x) 50.73(a)(2)(iv) 50.73(a)(2)(v) 50.73(a)(2)(vi) 50.73(a)(2)(vii)(A) 50.73(a)(2)(vii)(B) 50.73(a)(2)(viii) 50.73(a)(2)(ix) 73.71(b) 73.71(c) OTHER (Specify in Abstract below and in Text, NRC Form 388A)

LICENSEE CONTACT FOR THIS LER (12) NAME John C. Auger, TMI-2 Licensing Engineer TELEPHONE NUMBER 717 948-8244

Table with 13 columns: CAUSE, SYSTEM, COMPONENT, MANUFACTURER, REPORTABLE TO NPRDS, CAUSE, SYSTEM, COMPONENT, MANUFACTURER, REPORTABLE TO NPRDS. Row 1: X, A, L, T, E, B, 1, 5, 5, N

SUPPLEMENTAL REPORT EXPECTED (14) YES (if yes, complete EXPECTED SUBMISSION DATE) X NO EXPECTED SUBMISSION DATE (15)

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

AT 0400 hours on March 3, 1985, Incore Thermocouple (no IEEE Code) G-13 was declared inoperable due to erratic behavior. The thermocouple was checked to ensure that the failure cause was not a component that was accessible for repairs. No further action is considered applicable. The precise reason(s) for the failure/erratic behavior of Incore Thermocouple G-13 is not known and may not be possible to determine given the condition of the TMI-2 core relative to incore instrumentation.

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.

To date, sixteen (16) LER's have been submitted concerning thermocouple failures. Included with this submittal are LER's 80-13, 80-41, 80-50, 80-53, 81-05, 81-13, 82-15, 83-10, 83-27, 83-32, 83-50, 84-09, 84-16, 84-21, and 85-02. Twenty-eight (28) of fifty-two (52) Incore Thermocouples are currently reported as out-of-service (B-7, D-14, E-4, E-11, F-3, F-8, F-12, G-5, G-11, G-13, H-5, H-9, H-13, K-11, K-12, L-6, L-11, L-13, M-3, M-7, M-9, N-4, N-8, N-9, O-5, O-6, O-10, and O-12).

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

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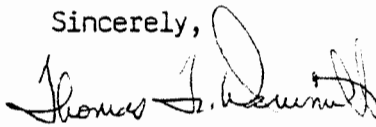
Dear Sir:

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Licensee Event Report 85-003

Attached is Licensee Event Report 85-003 concerning the failure of Incore Thermocouple G-13 on March 3, 1985.

This event is considered reportable pursuant to Title 10 of the Code of Federal Regulations, Section 50.73(a)(2)(i)(B).

Sincerely,



for F. R. Standerfer
Vice President/Director, TMI-2

FRS/JCA/vjf

Attachment

cc: Regional Administrator - Office of I & E, Dr. T. E. Murley
Program Director - TMI Program Office, Dr. B. J. Snyder
Deputy Program Director - TMI Program Office, Dr. W. D. Travers

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11