Mr. Boyce H. Grier, Director
Office of Inspection & Enforcement, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

D. 2-79-54/3L

Dear Mr. Grier:

This LER refers to the four B logic main steam line temperature monitors which were indicating improperly. The applicable Tech. Spec. 3.2.A and Table 3.2.A require a total of 16 main steam line temperature monitors to provide a Group I isolation on high temperature in the main steam tunnel.

U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 PAPB52 (LICENSEE CODE) 00-000000000 (LICENSE NUMBER) 4 1111 (LICENSE TYPE)

CON'T 01 REPORT SOURCE L 05 0-027 (DOCKET NUMBER) 121379 (EVENT DATE) 011180 (REPORT DATE)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

02 While performing a daily surveillance test, the operator observed the
03 indication on the four 'B' channel main steam line temperature monitors
04 were lower than the corresponding channels in the three other logics.
05 During the subsequent investigations, indication returned to normal. The
06 symptom recurred on the following day. A half isolation trip signal was
07 initiated until the problem was resolved. Redundant instrument channels
08 were operable.

09 SYSTEM CODE CD, CAUSE CODE E, CAUSE SUBCODE A, COMPONENT CODE INSTRU, COMP. SUBCODE P, OCCUR. SUBCODE Z

REVISION NO. 79 — SEQUENTIAL REPORT NO. 054 / 03 — REPORT TYPE L — REVISION NO. 0

ACTION TAKEN A, FUTURE ACTION Z, EFFECT ON PLANT Z, HOURS ON LINE Z, 0000, ATTACHMENT SUBMITTED N, SPECIAL FORM Y, PRIME COMP. MANUFACTURER A, COMPONENT MANUFACTURER M371

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

10 A power supply which was unable to provide sufficient output voltage was
11 the cause of the event. The power supply, Modu-Flash Company series 600,
12 provides power to all four 'B' logic temperature devices. The power supply
13 was replaced and the monitors returned to service after testing.
14

FACILITY STATUS E, POWER 099, OTHER STATUS N/A, METHOD OF DISCOVERY B, DISCOVERY DESCRIPTION Surveillance Testing

ACTIVITY CONTENT RELEASED Z, OF RELEASE Z, AMOUNT OF ACTIVITY N/A, LOCATION OF RELEASE N/A

PERSONNEL EXPOSURES NUMBER 000, TYPE Z, DESCRIPTION N/A

PERSONNEL INJURIES NUMBER 000, DESCRIPTION N/A

LOSS OF OR DAMAGE TO FACILITY TYPE Z, DESCRIPTION N/A

PUBLICITY TYPE N, DESCRIPTION N/A, DATE N/A

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