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FILE: INCIDENT REPORT #

FROM: Met. Edison Co. Reading, Pa. 19603 R.C. Arnold			DATE OF DOC 12-26-75	DATE REC'D 1-2-76	LTR XX	TWX	RPT	OTHER
TO: NRC			ORIG 1 signed	CC	OTHER	SENT AEC PDR XX SENT LOCAL PDR XX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-289		

DESCRIPTION: Ltr reporting A0-50-289/75-43 dn 12-18-75 re out of spec setpoing for a reactor building 30 psig channel pressure switch....

ENCLOSURES:

POOR ORIGINAL

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ACKNOWLEDGED

PLANT NAME: Three Mile Island Unit 1

FOR ACTION/INFORMATION DHL 1-5-76

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Regulatory Docket File

METROPOLITAN EDISON COMPANY

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 920-3601

December 26, 1975
GQL Q15

Director
Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

Docket No. 50-289
Operating License No. DPR-50



In accordance with the Technical Specifications of our Three Mile Island Nuclear Station Unit 1 (TMI-1), we are reporting the following abnormal occurrence.

- (1) Report Number: AO 50-289/75-43
- (2a) Report Date: December 26, 1975
- (2b) Occurrence Date: December 18, 1975
- (3) Facility: Three Mile Island Nuclear Station Unit 1
- (4) Identification of Occurrence:

Title: Out-of-Specification Setpoint for a Reactor Building 30 psig Channel Pressure Switch

Type: An abnormal occurrence as defined by the Technical Specifications, paragraph 1.8a, in that the trip setpoint for one of the six (6) pressure switches for the Reactor Building 30 psig channels was found to be less conservative than the setpoint listed in Technical Specification 3.5.3.1.

- (5) Conditions Prior to Occurrence:

The reactor was at cold shutdown condition with major plant parameters as follows:

Power: Core: 0%

Elec.: 0 MWe

RC Flow: 0 lbs/hr.

RC Pressure: 0 psig

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RC Temp.: 150°F

PRZR Level: 42 inches

PRZR Temp.: 150°F

(6) Description of Occurrence:

On December 18, 1975, while conducting the Refueling Interval Reactor Building 30 psig Channels Surveillance Test, one of the six (6) pressure switches was found to trip at a pressure less conservative than the trip setpoint listed in Technical Specification 3.5.3.1. The required and actual trip setpoints for the pressure switch out-of-specification, PS-290, were ≤30 psig and 30.5 psig respectively.

The out-of-specification pressure switch was recalibrated and retested and the resulting trip setpoint was verified as being within Technical Specification limits. The remaining five (5) similar pressure switches were determined to be within the Technical Specification limits.

(7) Designation of Apparent Cause of Occurrence:

The cause of this occurrence has been determined to be material in that the out-of-specification trip setpoint was due to minor calibration drift experienced in the associated pressure switch, PS-290. This pressure switch was last calibrated on January 15, 1974.

(8) Analysis of the Occurrence:

It has been determined that this occurrence did not constitute a threat to the health and safety of the public in that the setpoints for the other five (5) Reactor Building 30 psig channels pressure switches were within the Technical Specifications limits and would have performed their protective function had an overpressure condition occurred.

(9) Corrective Action:

In addition to the immediate action described above, the Plant Operations Review Committee evaluated the present nominal setpoint and determined that it is sufficiently conservative. Since subsequent refueling intervals will be shorter than the present initial cycle, these pressure switches will be calibrated more frequently, with resultant less chance of setpoint drift beyond the Technical Specifications limits.

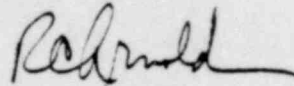
(10) Failure Data:

Square D Co. Pressure Switch
Type 9013 - AMG5
Form "R"
0-100 psig Range
± 2% Accuracy

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Similar Occurrences: None

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. C. Arnold', with a long horizontal flourish extending to the right.

R. C. Arnold
Vice President

RCA:JMC:tas

cc: Office of Inspection and Enforcement, Region 1

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