

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD WEST
SYRACUSE, N. Y. 13202

April 24, 1974



Mr. Donald J. Skovholt
Assistant Director for Reactor Operations
Division of Reactor Licensing
United States Atomic Energy Commission
Washington, D.C. 20545

Dear Mr. Skovholt:

In accordance with Technical Specifications 1.136 and 3.6.2 for
Nine Mile Point Unit 1, the enclosed Abnormal Occurrence Report is sub-
mitted. This report is in accordance with the format set forth in Regulatory
Guideline 1.16.

Very truly yours,

R.R. Schneider
Vice President - Electric Operations

RAS/bar

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ABNORMAL OCCURRENCE REPORT

1. Report No. 74-5
- 2a. Date April 25, 1974
- 2b. Occurrence Date April 15, 1974
3. Facility Nine Mile Point Nuclear Station Unit 1
4. Identification of Occurrence

Main Steam Line High Temperature Sensor Set Point Drift.

5. Conditions Prior to Occurrence

Unit 1 was shutdown for annual refueling.

6. Description of Occurrence

During routine surveillance testing three High Temperature Main Steam Line Tunnel Sensors were found to actuate at a lower temperature than required. These signals provide a closure of the Main Steam Line Isolation Valves upon reaching 200°F. However, since the isolation function requirement is $\leq 200^\circ\text{F}$ the necessary trip function would have been accomplished in the conservative direction. In as much as the set point drift was conservative no hazard would have been presented to the general public as a result of this drift.

7. Designation of Apparent Cause of the Occurrence

Set point Drift.

8. Analysis of Occurrence

The Technical Specifications require an isolation signal be sent to the Main Steam Isolation Line Valves, in the event the tunnel temperature reaches or exceeds 200°F. However, the basis for the Specification requires a deviation of $+ 10^\circ\text{F}$. The as found trip point of these Fenwell Temperature Detectors is as follows:

IB-10F	187°F
IB-10G	186°F
IB-10P	185°F

9. Corrective Action

The instrument was recalibrated to 200°F trip point.

10. Failure Data

1st Setpoint Drift on these detectors.