

## NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK300 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.

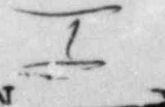
Very truly yours,



R.R. Schneider  
Vice President - Electric Operations

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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  $\pm 10^\circ\text{F}$ . 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.