

LICENSEE EVENT REPORT (LER)

| | | | | | | | | | | | | | | | | |
|---|-----------|--|----------------|--------------------|-----------------|------------------|-----------------|-----------|----------------|--------------------------------------|--|-------------------------------|------------------|--|-----|------|
| FACILITY NAME (1) Nine Mile Point Unit #1 | | | | | | | | | | DOCKET NUMBER (2) 0 5 0 0 0 2 2 0 | | | | PAGE (3) 1 OF 0 2 | | |
| TITLE (4) Inoperable Damper Affected Auxiliary Control Room Halon System | | | | | | | | | | | | | | | | |
| EVENT DATE (5) | | | LER NUMBER (6) | | | | REPORT DATE (7) | | | OTHER FACILITIES INVOLVED (8) | | | | | | |
| MONTH | DAY | YEAR | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | MONTH | DAY | YEAR | FACILITY NAMES | | | | DOCKET NUMBER(S) | | | |
| 0 2 | 1 4 | 8 5 | 8 5 | 0 0 2 | 0 0 | 0 3 | 1 4 | 8 5 | | | | | 0 5 0 0 0 | | | |
| OPERATING MODE (9) | | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11) | | | | | | | | | | | | | | |
| N | | 20.402(b) | | | | 20.406(e) | | | | 80.73(a)(2)(iv) | | | | 73.71(b) | | |
| POWER LEVEL (10) | | 20.406(a)(1)(i) | | | | 80.58(a)(1) | | | | 80.73(a)(2)(v) | | | | 73.71(c) | | |
| 1 0 0 | | 20.406(a)(1)(ii) | | | | 80.39(a)(2) | | | | 80.73(a)(2)(vi) | | | | y OTHER (Specify in Abstract below and in Text, NRC Form 365A) | | |
| | | 20.406(a)(1)(iii) | | | | 80.73(a)(2)(i) | | | | 80.73(a)(2)(vii)(A) | | | | Per Tech: | | |
| | | 20.406(a)(1)(iv) | | | | 80.73(a)(2)(ii) | | | | 80.73(a)(2)(vii)(B) | | | | Spec 6.9.2.b | | |
| | | 20.406(a)(1)(v) | | | | 80.73(a)(2)(iii) | | | | 80.73(a)(2)(ix) | | | | SPECIAL | | |
| LICENSEE CONTACT FOR THIS LER (12) | | | | | | | | | | | | | | | | |
| NAME Robert Randall, Supervisor, Technical Support | | | | | | | | | | TELEPHONE NUMBER | | | | | | |
| | | | | | | | | | | AREA CODE 3 1 5 3 4 9 - 2 4 4 5 | | | | | | |
| COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) | | | | | | | | | | | | | | | | |
| CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NPDs | | CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NPDs | | | | | | |
| C | V I D M P | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| SUPPLEMENTAL REPORT EXPECTED (14) | | | | | | | | | | | | EXPECTED SUBMISSION DATE (15) | | MONTH | DAY | YEAR |
| YES (If yes, complete EXPECTED SUBMISSION DATE) | | | | | | | | | | | | X NO | | | | |

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

ABSTRACT

While performing a routine surveillance test, fire dampers in the Auxiliary Control Room ventilation system were found inoperable rendering the halon fire suppression system inoperable in the event of an Auxiliary Control Room fire. Immediate action required by Technical Specifications was not taken and subsequent repairs to the dampers were completed after the 14 day Technical Specification limit.

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PDR ADOCK 05000220
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED 0148 NO. 3190-0104

EXPIRES 8/31/85

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|-------------------|-------------------|-----------------|-------------------|-----------------|----------|-----|--------|
| FACILITY NAME (1) | DOCKET NUMBER (2) | LER NUMBER (6) | | | PAGE (3) | | |
| | | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | | | |
| | | 0 5 0 0 0 2 2 0 | 8 5 | 0 0 2 | 0 0 | 0 2 | OF 0 2 |

TEXT (If more space is required, use additional NRC Form 365A's) (17)

TEXT

The Halon 1301 Fire Protection System is a gaseous fire suppression system used in the Auxiliary Control Room. Ventilation system dampers must be operable in the event of a fire to prevent displacement of the halon gas which suppresses the fire.

With the fire dampers inoperable the Halon System would not maintain the concentration of halon gas required to suppress a fire in the area.

Technical Specification 3.6.10.2 b and c, requires that with a halon system inoperable, a continuous fire watch must be established with backup fire suppression equipment, and the system restored to an operable status within 14 days.

As a result of surveillance testing, fire dampers BV 210-31, 210-34 and 210-35, were found inoperable on 2/6/85, but no fire watch was established. This was a violation of Tech. Spec. 3.6.10.2.b and c. Work to repair the inoperable dampers was started on 2/14/85 with a fire watch established. Work on the dampers was completed on 2/25/85. The dampers were tested per procedure N1-FST-C4 and declared operable on 2/25/85 and returned to service.

ASSESSMENT OF SAFETY CONSEQUENCES

The probability of occurrence or the consequence of an accident or malfunction of equipment important to safety was increased by the inoperability of the fire dampers in the Auxiliary Control Room ventilation system. With the fire dampers inoperable, the Halon System was rendered inoperable. However, the backup manually operated CO₂ System was available and the fire detection system which annunciates in the main control room was operable. Since the Halon System is automatically actuated and the CO₂ System is manually actuated from the main control room it would take slightly longer to extinguish a fire in the Auxiliary Control Room under these conditions.

CORRECTIVE ACTION

System dampers BV-210-31, 210-34 and 210-35 were repaired, tested and returned to service. The personnel involved were instructed in the requirements of Technical Specifications for operation with inoperable Fire Barriers and Suppression Systems. Also, a meeting was held with all Fire Chiefs and Fire Department Supervision to stress the importance of full compliance with Technical Specifications and the consequences of a failure to do so. As a result of this event, the responsible Fire Department supervisor was subjected to disciplinary action in the form of time off without pay.

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD, WEST
SYRACUSE, N. Y. 13202

March 14, 1985

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

RE: Docket No. 50-220
LER 85-02

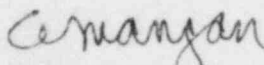
Gentlemen:

In accordance with 10 CFR 50.73, we hereby submit the following
Licensee Event Report:

LER 85-02 Which is being submitted in accordance with
10 CFR 50.75 (a) (2) (i) (b), "Any operation
prohibited by the plant's Technical Specifications"
and Technical Specification 6.9.2.b, Fire Protection
Program Reports. "Submit a special report to the
Director of the appropriate Regional Office within
30 days following the event outlining the plans and
procedures to be used to restore the inoperable
equipment to an operable status."

This report was completed in the format designated in NUREG-1022,
dated September 1983.

Very truly yours,


C.V. Mangan
Vice President
Nuclear Engineering & Licensing

CVM/lo
attachments
cc: Dr. Thomas E. Murley
Regional Administrator

IE22
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