

LICENSEE EVENT REPORT (LER)

APPROVED OMB NO. 3180-0104
EXPIRES - 6/31/95

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|--|--|--------------------------------------|--------------------|
| FACILITY NAME (1) Nine Mile Point Unit #1 | | DOCKET NUMBER (2) 0 5 0 0 0 2 2 0 | PAGE (3) 1 OF 1 |
|--|--|--------------------------------------|--------------------|

TITLE (4)
Reactor Scram due to Low Instrument Air Header Pressure

| 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 | 5 | 2 | 4 | 8 | 4 | 8 | 4 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 6 | 2 | 5 | 8 | 4 | | | 0 | 5 | 0 | 0 | 0 | | |

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|-------------------------------|--|--|---|--|---|--|--|---|--|---|---|---|--|---|---|--|-----------------------------------|-----------------------------------|--|
| OPERATING MODE (9) N | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11) | | | | | | | | | | | | | | | | | | |
| POWER LEVEL (10) 0 1 0 1 0 | <input type="checkbox"/> 20.402(b) | <input type="checkbox"/> 20.406(a)(1)(i) | <input type="checkbox"/> 20.406(a)(1)(ii) | <input type="checkbox"/> 20.406(a)(1)(iii) | <input type="checkbox"/> 20.406(a)(1)(iv) | <input type="checkbox"/> 20.406(a)(1)(v) | <input type="checkbox"/> 20.406(a)(2)(i) | <input type="checkbox"/> 20.406(a)(2)(ii) | <input type="checkbox"/> 20.406(a)(2)(iii) | <input type="checkbox"/> 20.406(a)(2)(iv) | <input checked="" type="checkbox"/> 20.406(a)(2)(v) | <input type="checkbox"/> 20.406(a)(2)(vi) | <input type="checkbox"/> 20.406(a)(2)(vii) | <input type="checkbox"/> 20.406(a)(2)(viii) | <input type="checkbox"/> 20.406(a)(2)(ix) | <input type="checkbox"/> 20.406(a)(2)(x) | <input type="checkbox"/> 72.71(b) | <input type="checkbox"/> 72.71(c) | OTHER (Specify in Abstract below and in Text, NRC Form 366A) |

| | | |
|---|--------------------|-----------------------|
| LICENSEE CONTACT FOR THIS LER (12) | | TELEPHONE NUMBER |
| NAME Robert Randall - Supervisor, Technical Services | AREA CODE 3 1 5 | 3 4 9 1 - 1 2 4 4 1 5 |

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

| CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NRC | CAUSE | SYSTEM | COMPONENT | MANUFACTURER | REPORTABLE TO NRC |
|-------|--------|-----------|--------------|-------------------|-------|--------|-----------|--------------|-------------------|
| | | | | | | | | | |
| | | | | | | | | | |

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|--|--|-------|-----|------|
| SUPPLEMENTAL REPORT EXPECTED (14) | EXPECTED SUBMISSION DATE (15) | MONTH | DAY | YEAR |
| <input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) | <input checked="" type="checkbox"/> NO | | | |

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

During a refueling outage, a cyclic surveillance test of the containment spray air flow was being performed. Due to an operator error, a blocking valve was not closed prior to starting the test. This caused low instrument air pressure throughout the plant, which led to a reactor scram. The scram was reset, scram discharge volume was drained, the blocking valve was closed, instrument air pressure was returned to normal, and the test was successfully resumed and completed. The operator involved with the error was reinstructed by the Operations Supervisor on the importance of strict compliance with all operating procedures.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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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 4 | - 0 0 8 | - 0 0 | 0 2 |

TEXT (if more space is required, use additional NRC Form 306A) (17)

During a refueling outage on May 24, 1984, a cyclic surveillance flow test of the containment spray nozzles using instrument air was being performed. Due to an operator error, a blocking valve between the containment spray system air test tank and the instrument air system was not closed, which was a violation of the surveillance test procedure. When the test was performed, this open valve caused the instrument air pressure to drop, causing the reactor scram valves to open. This started filling the scram discharge volume, which initiated an automatic scram signal.

ASSESSMENT OF SAFETY CONSEQUENCES

The loss of instrument air throughout the plant resulting from the blocking valve being open could have caused any equipment which is supported by this system to not function properly. However, the potential safety consequences arising out of this event are negligible because: 1) the plant is designed to be fail safe on loss of instrument air; 2) the reactor was in shutdown and subcritical; 3) the reactor mode switch was in "shutdown"; 4) the control rods were all fully inserted at the time of the event; and 5) a manual reactor scram is required when the instrument air pressure drops below 75 psig; therefore, a scram would have ordinarily occurred before the reactor scram valves opened, had the rate of pressure change in this incident been low enough to allow time for a manual scram to take place.

CORRECTIVE ACTION

The scram was reset, the scram discharge volume was drained, the blocking valve between the containment spray air test tank and the instrument air system was closed, instrument air pressure was returned to normal, and the surveillance test was then resumed and successfully completed. The operator involved with the error was reinstructed by the Operations Supervisor on the importance of strict compliance with all operating procedures.

NIAGARA MOHAWK POWER CORPORATION

NMP-8798

NIAGARA  MOHAWK

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

June 25, 1984

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

RE: Docket No. 50-220
LER 84-08

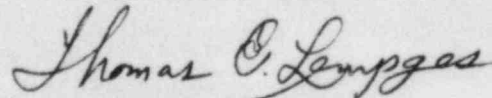
Gentlemen:

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

LER 84-08 Which is being submitted in accordance with 10 CFR 50.73 (a) (2) (iv), "Any event or condition that resulted in manual or automatic actuation of any Engineered Safety Feature (ESF), including the Reactor Protection System (RPS)."

A 10 CFR 50.72 report was made at 1937 hrs. on 5/24/84. This report was completed in the format designated in NUREG-1022, dated September 1983.

Very truly yours,



Thomas E. Lemppes
Vice President
Nuclear Generation

TEL/cma
Attachments (3 copies)

cc: Dr. Thomas E. Murley
Regional Administrator

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