

~~CONFIDENTIAL~~
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07-1-91

August 19, 1991

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-IIT-91-01

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information presented is preliminary, requires further evaluation and is basically all that is known by the IIT on this date.

FACILITY:

Niagara Mohawk Power Corporation
Nine Mile Point Unit 2
Scriba, New York
Docket No. 50-410

Licensee Emergency Classification:

- Notification of Unusual Event
- Alert
- Site Area Emergency
- General Emergency
- Not Applicable

REFERENCE: PNO-IIT-91-62

SUBJECT: STATUS REPORT FROM NRC INCIDENT INVESTIGATION TEAM (IIT)

At 6:00 a.m. on Tuesday, August 13, 1991, the licensee declared a site area emergency due to a plant transient with loss of annunciators. The same day the NRC dispatched an Augmented Inspection Team (AIT) from its Region I office to investigate the event. On August 15 it was decided to elevate the level of the NRC's effort to an Incident Investigation. The IIT, which reports directly to the NRC's Executive Director for Operations, is to: (a) determine facts as to what happened; (b) identify probable causes as to why it happened, and (c) make appropriate findings and conclusions which would form the basis for any necessary follow-on actions. The IIT's charter excludes emergency preparedness and radiological aspects of the event, which will be inspected by the NRC's Region I office.

The IIT arrived onsite Friday, August 16, 1991, held an entrance meeting with the licensee, and conducted debriefing and turnover activities. Interviews of plant operators began Saturday, August 17, and are continuing. A press conference will be held Monday, August 19, 1991, to describe the IIT's activities. A preliminary sequence of events will be released Tuesday, August 20. It is expected that the IIT's work onsite will be concluded by Tuesday, August 27.

The IIT's current understanding of the event is as follows. Phase B of the main transformer failed, causing an electrical disturbance in the AC distribution system. This resulted in automatic generator trip, turbine trip and reactor trip. A simultaneous loss of five uninterruptable power supplies (UPS) caused a loss of several non-safety-related functions, which included reactor control rod position indication, some but not all reactor power and level indication, control room annunciators, plant communication systems, the plant computer and lighting at some locations. All safety-related equipment and instruments remained operable, with the exception of two trains of low pressure coolant injection which had been removed from service for maintenance. Plant operators used the operable equipment and indications to determine the plant status and to ensure that the reactor was shutdown and maintained in a safe condition. Power was restored in about 30 minutes. A normal cooldown was conducted. Cold shutdown was achieved at 6:46 p.m. and the licensee exited the site area emergency at 7:43 p.m.

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[Redacted]

[Redacted]

Although the loss of non-safety-related equipment caused conflicting indications and created several difficulties, it appears that the plant operators handled the plant transient and recovery adequately.

The cause of the loss of the five UPS's is not yet known. Several hypothesis are being explored by the licensee and the IIT.

An installed spare transformer will be connected and the failed unit will be shipped to a manufacturing facility for inspection and root cause analysis.

Further status reports will be issued as appropriate during the IIT's onsite work.

CONTACT: Jack Rosenthal (315-349-2529) Michael Jordan (315-349-1035)

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07-1-91 [REDACTED]

August 19, 1991

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-IIT-91-02 (CORRECTED COPY)

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information presented is preliminary, requires further evaluation and is basically all that is known by the IIT on this date.

FACILITY:

Niagara Mohawk Power Corporation
Nine Mile Point Unit 2
Scriba, New York
Docket No. 50-410

Licensee Emergency Classification:

- Notification of Unusual Event
- Alert
- Site Area Emergency
- General Emergency
- Not Applicable

REFERENCE: PNO-I-91-62

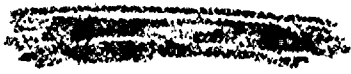
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