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SUBJECT: Special rept:on 880730,detection zone not returned to functional status within 14 days.

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August 29, 1988

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Gentlemen:

The Niagara Mohawk Power Corporation (NMPC) hereby submits the following Special Report. This report addresses fire detection, fire suppression systems, and fire barriers that have been out of service for greater than 14 days. Five (5) events are described which have occurred during the 1988 refueling outage.

These events require that a thirty (30) day Special Report be submitted in accordance with the applicable sections of the Nine Mile Point Unit 1 (NMP1) Technical Specifications (TS) as referenced in this report and section 6.9.2b.

This report satisfies these reporting requirements.

EXECUTIVE SUMMARY

For each event, the NMPC has taken corrective action to assure the capability of the fire barriers and penetrations to perform their intended function by establishing within one hour of each event a fire watch patrol as required by NMP1 TS.

And, the fire watch patrols will remain in effect until the required repairs or modifications are complete.

Additionally, corrective actions to prevent recurrence of the event or repair the deficiency follow the description of each event.

EVENT #1

On July 17, 1988, Work Request (WR) #142500 was generated by the NMPC Fire Department (FD) to repair ionization fire detection for zone D5013. On July 30, 1988, it was discovered that the detection zone was not returned to functional status within 14 days. On August 1, 1988, the detection zone was checked, the WR was closed and zone D5013 was restored to functional status. The time it took to repair the zone detection exceeded 14 days because Part 4 of the WR, Priority of Work, was checked "as time permits (greater than 7 days)". This error prevented the repair from being completed within the 14 day limit.

This event is reportable because NMP1 TS 3.6.6.a.2 requires that with the number of detectors operable less than the number required, that the inoperable detectors be restored to operable status within 14 days.

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EVENT #2

On August 9, 1988, TS Fire Door D-9 was found to be nonfunctional during the daily fire door surveillance conducted in accordance with procedure N1-FST-FPP-D001, "Daily Fire Door Inspection". Accordingly WR #143089 was generated by the NMPC FD as a result of the inspection.

This event is being reported because TS 3.6.10.1.d requires that a non-functional fire barrier be restored to functional status within 14 days.

Work on door D-9 was not completed in the required time (14 days) due to the fact that FD personnel did not properly fill out the WR heading. Subsequently the wrong department was assigned the WR and as a result work on door D-9 was not started until after the required TS time limit.

To prevent recurrence of events 1 and 2, a Lessons Learned Transmittal will be issued to FD personnel which will reinforce the importance of providing the necessary attention to detail when initiating and approving WRs.

EVENT #3

On July 21, 1988, the Halon suppression system for the Auxiliary Control Room and the Cardox suppression system for the Cable Spreading Room, suppression zones C3011 and H3031 respectively were taken out of service. These systems were removed from service to perform penetration repairs on penetrations in the floor between the Auxiliary Control and Cable Spreading Rooms.

This event is reportable because NMP1 TS 3.6.8.d and 3.6.10.2.c require that an inoperable system be returned to operable status within 14 days.

This penetration work will resume when NMPC Fire Protection Engineering can approve a rated installation detail.

EVENT #4

On July 18, 1988, TS Fire Door D-46 was found to be non-functional during the daily fire door surveillance conducted in accordance with procedure N1-FST-FPP-D001, "Daily Fire Door Inspection". On July 18, 1988, WR #143018 was generated by the NMPC FD as a result of the inspection. Door 46 requires additional work for which parts are not available. Until these parts arrive and are installed the door will remain nonfunctional as a fire barrier.

This event is reportable because TS 3.6.10.1.d requires that a non-functional fire barrier be restored to functional status within 14 days.

EVENT 4 (Cont'd)

Door D-46 has a history of chronic repair, due to traffic through and pressure differentials across it. Spare parts for the door have been exhausted and are on back order. NMPC Engineering is now evaluating a modification to resolve this problem.

EVENT #5

Work Request (WR) #143502, was generated by the NMPC Engineering Department to correct mortar deficiences discovered in a TS fire barrier wall located between the Screen House and Turbine Building.

This event is reportable because NMP1 TS 3.6.10.1.d requires that a non-functional fire barrier be restored to functional status within 14 days.

On August 3, 1988, the fire barrier work was put on hold because a design modification is necessary to continue repair. This work is scheduled for completion prior to fuel load for NMP1.

Sincerely,

James L. Willis
General Superintendent
Nuclear Generation

JLW/PC/meh
(0674H)

cc: William T. Russell
Regional Administrator

NRC Resident Inspector