

NIAGARA MOHAWK POWER CORPORATION



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SYRACUSE, N. Y. 13202

October 22, 1984

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

RE: Docket No. 50-220
SPECIAL REPORT

Gentlemen:

In accordance with Technical Specification 3.6.10.1, we hereby submit the following Special Report concerning a fire barrier penetration.

Very truly yours,

Thomas E. Lempges
Vice President
Nuclear Generation

TEL/lo

cc: Dr. Thomas E. Murley
Regional Administrator

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SPECIAL REPORT

Title: Non-Functional Fire Barrier
Penetrations

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Event Date: September 7, 1984

Report Date: October 22, 1984

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ABSTRACT

On September 7, 1984, during normal operation, an inspection was performed on the Smoke Purge Damper D16, elevation 250'. When the retaining angle iron was removed, insufficient Kaowool packing was observed producing a gap between the damper and the concrete wall. This penetration was declared inoperable in compliance with Tech. Spec. 3.6.10.1, (Fire Barrier Penetration). This system was taken out of service and a fire watch patrol was set up to perform an hourly inspection until this device could be repacked and put in service. Tech. Spec. 3.6.10.1.d requires a special report be submitted to the NRC if a fire barrier penetration is non-functional for more than 14 days. This event does not constitute an LER per 10 CFR 50.73.

TEXT

On September 7, 1984, during normal operation, an inspection was performed on the Smoke Purge Damper D16, elevation 250'. The preventive maintenance inspection which was followed for this device was procedure N1-FST-C6, "Fire Damper Operation and Inspection of Tech. Spec. Dampers". This Smoke Purge Damper is a product of Safe Air Inc. Model No. 700-710. When the retaining angle iron was removed from around the smoke damper, insufficient Kaowool packing was observed which produced a gap between the damper and the concrete wall. This penetration was declared inoperable in compliance with Technical Specification 3.6.10.1.d, which states, "Restoration of non-functional fire barrier penetrations to functional status within 14 days and submit a report in accordance with 6.9.2.b.". It was noted that this penetration is a Tech. Spec. item where the smoke purge system was immediately taken out of service and a fire watch patrol was set up to perform an hourly inspection until this device could be put back in service 15 days later. This event does not constitute an LER per 10 CFR 50.73.

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CORRECTIVE ACTION

The Smoke Purge Damper D16 was repacked with 7.2 lbs of Kaowool, and the retaining angle iron was reinstalled. The staff members that were involved with exceeding the 14 days limit were reinstructed on the importance of returning equipment to service within the Technical Specification time limitations.

ASSESSMENT OF SAFETY CONSEQUENCES

There were no potential safety consequences arising out of this event because:
1) The fire damper was in the closed position throughout the period; 2) The fire patrol which was set up performed an hourly inspection to guard against a potential fire.