

NORTHEAST UTILITIES



THE CONNECTICUT LIGHT AND POWER COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

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September 6, 1988
MP-12211

Docket No.: 50-423

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Gentlemen:

Insufficient Documentation Retrievable to Substantiate Compliance
With NRC Regulatory Guide 1.106 for Two Service Water Pump
Discharge Valves Thermal Overload Devices

This event is being submitted as a Special Report because no definitive reporting requirements per the guidelines of 10CFR50.73 could be identified. However, this information is considered of sufficient interest to submit this Special Report as documentation of the event.

On August 4, 1988 at 1430 hours while operating in Mode 1 at 100% power, 585 degrees Fahrenheit and 2250 psia it was determined that the initial documentation on record was insufficient to assure that two (2) of the four (4) Service Water pump discharge valves (specifically 3SWP*MOV102A and C) were in compliance with NRC Regulatory (Reg.) Guide 1.106. The valves were required to have their thermal overload protection devices bypassed either continuously or under accident conditions or be sized with all uncertainties resolved in favor of completing the safety action.

Upon identification of the Service Water pump discharge valves potential non-compliance with Reg. Guide 1.106, the subject thermal overloads were immediately declared inoperable and the appropriate Limiting Condition of Operation was entered. The thermal overload protection devices were then continuously bypassed in accordance with position 1(a) of the Reg. Guide and the valves were returned to operable status.

There were no adverse safety consequences resulting from this incident. An Engineering calculation was performed to verify that the trip setpoint of the thermal overload protection devices was established in favor of completing the safety related actions as specified in Reg. Guide 1.106.

The root cause of this event is personnel error in that the calculation used to ensure compliance with the NRC Reg. Guide was not properly documented or retrievable.

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After the Engineering calculation was performed to verify that the thermal overload protection devices selected for the Service Water pump discharge valves met the requirements of the Reg. Guide, the bypasses were removed.

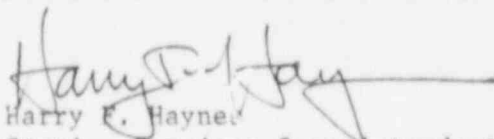
Engineering personnel have performed a complete review of Technical Specification table 3.8-2a, "Motor Operated Valves Thermal Overload Protection Bypassed Only Under Accident Conditions", and table 3.8-2b, "Motor Operated Valves Thermal Overload Protection Not Bypassed" for similar discrepancies. None were identified.

The licensee contact for this Special Report will be Laurence E. Loomis, who may be contacted at (203) 447-1791, ext. 5468.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

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Station Superintendent
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BY: Harry E. Haynes
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SES/LEL:mo

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