DCS No: 5042388105
Date: October 6, 1988

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-88-101

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region I staff on this date.

Facility:
Northeast Nuclear Energy Company
Millstone Nuclear Station Unit 3
Waterford, Connecticut

Licensee Emergency Classification:
___ Notification of Unusual Event
___ Alert
___ Site Area Emergency
___ General Emergency
_X_ Not Applicable

Subject: UNPLANNED SHUTDOWN IN EXCESS OF 48 HOURS

On October 5, 1988, at 1:53 p.m., while at 100% power, the "C" Main Steam Isolation Valve (MSIV) closed fully during partial stroke testing of the valve. The partial stroke testing was part of a a routine surveillance. The MSIV-C closure resulted in a water lever decrease (shrink) in the "C" Steam Generator (SG) and subsequent Reactor/turbine trip on low-low SG level. The resident inspector responded to the control room and noted that the operators and plant systems responded as expected except that the post-trip cooldown was greater than expected (531 degrees F vice 557 degrees F). The larger than expected cooldown was attributed to high auxiliary feedwater (AFW) flow in combination with high post-trip steam loads. The licensee is continuing to investigate the event sequence.

The licensee is extending the shutdown for maintenance on the "B" main feedwater regulating valve, which was being operated in manual because it had been sticking during operation in automatic. Present plans are to perform all work with the plant in hot shutdown and to start-up on October 8, 1988.

The licensee notified the news media of the shutdown. The State of Connecticut has been informed.

This information is current as of 9:30 a.m. (EDT), October 6, 1988.

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