



**Northeast  
Nuclear Energy**

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The Northeast Utilities System

Docket No. 50-423

B16897

December 8, 1997

RE: LER 96-040-00

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

Millstone Nuclear Power Station Unit No. 3  
Revision Of Commitment to Install Temporary Modification to Component  
Cooling Water System Prior to Service Water System Inlet Temperatures  
Falling Below 45 Degrees

Licensee Event Report (LER) 96-040-00, "Potential Component Cooling Water System Overcooling Due to Loss of Instrument Air System Concurrent with Low Service Water Inlet Temperature," committed to implementing the following short term corrective action prior to Service Water (SW) inlet temperature decreasing to below approximately 45 degrees Fahrenheit (°F): "The three-way CCP heat exchanger outlet temperature control valve actuators will be modified (e.g., stem clamps) so that the valves will not fail in a maximum cooling configuration on loss of instrument air in Modes 5 or 6."

A temporary modification was installed in the CCP System in December 1996. As the Long Island Sound water temperature increased in the Spring, operation with the temporary modification was no longer required to maintain operability. This resulted in a May 17, 1997, NRC commitment change letter to remove the temporary modification during the non-Winter months with the intent of reinstalling the temporary modification prior to the SW inlet water temperatures falling below 45°F if the CCP operability issue had not been resolved. This revised commitment stated: "The Reactor Plant Component Cooling Water (CCP) system will be temporarily modified prior to Service Water (SW) inlet temperatures falling below 45°F."

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Currently, several significant CCP system design modifications and an operability determination have been completed which ensure CCP operability down to the minimum (33<sup>0</sup>F) design SW inlet water temperature. As such, a temporary modification is no longer necessary to compensate for component overcooling effects resulting from low (less than 45<sup>0</sup>F) SW inlet water temperatures. The final design modifications, to be completed prior to entering mode 4, are in progress to qualify the CCP system to the minimum inlet temperature for subsequent operating modes.

Our revised commitment is provided in Attachment 1. Should you have any questions regarding this matter please contact Mr. David A. Smith at (860) 437-5840.

Very truly yours,

NORTHEAST NUCLEAR ENERGY  
COMPANY



G. D. Hicks  
Director - Millstone Unit 3

Attachment: 1) NNECO's revised commitment in response to LER 96-040-00

cc: H. J. Miller, Region I Administrator  
W.D. Travers, PhD, Director, Special Projects Office  
J. W. Andersen, NRC Project Manager, Millstone Unit No. 3  
A. C. Cerne, Senior Resident Inspector, Millstone Unit No. 3  
CA Group Files (CR M3-96-0887)

SCN:sn

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Attachment 1

Millstone Nuclear Power Station Unit No. 3  
Revision Of Commitment to Install Temporary Modification to Component  
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Enclosure  
List of Regulatory Commitments

The following table identifies those actions committed to by NNECO in this document. Please notify the Manager - Nuclear Licensing at the Millstone Nuclear Power Station Unit No. 3 of any questions regarding this document or any associated regulatory commitments.

Number	Commitment	Committed Date or Outage
B15988-01	The Reactor Plant Component Cooling Water (CCP) system will be operated in accordance with the requirements set forth in the operability determination until the required supports are released to Operations at which time, the system will be fully qualified.	Prior to Entry into Mode 4