

Northeast
Utilities System

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October 6, 1995

Docket No. 50-423
B15388

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

Millstone Nuclear Power Station, Unit No. 3
Closure of Generic Letter 89-10

Attachment 1 to this letter is the Closeout Report for the Generic Letter (GL) 89-10 Motor-Operated Valve (MOV) Program at Millstone Unit No. 3. This report summarizes actions taken and information compiled in response to GL 89-10,⁽¹⁾ including supplements. This Closeout Report will be included in the MOV Program Manual, which is maintained as a controlled document.

Northeast Nuclear Energy Company's (NNECO) GL 89-10 MOV Program identified safety-related MOVs and their design basis functions, and demonstrated through testing, analysis, and where necessary, modifications, the ability of those valves to fulfill those functions with a high level of certainty. This program included several proactive features, such as:

- Use of Kalsi Engineering, Inc., KEI Gate Program for non-testable valves in place of the Electric Power Research Institute's Performance Prediction Methodology which was delayed,
- Development of a comprehensive and consistent structural analysis procedure which replaced diverse vendor seismic weak link calculations, and
- Employment of consistently-determined results from three other operating Northeast Utilities (NU) nuclear power plants to further validate program assumptions.

In addition, NNECO and NU have been aggressive in addressing recent pressure locking and thermal binding concerns.

The Closeout Report also identifies longer term actions being

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- (1) James G. Partlow letter to All Licensees of Operating Nuclear Power Plants and Holders of Construction Permits for Nuclear Power Plants, "Safety-Related Motor-Operated Valve Testing and Surveillance," dated June 28, 1989.

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The Closeout Report also identifies longer term actions being implemented to ensure, on a continuing basis, that these safety-related MOVs will remain capable of fulfilling their design basis functions. With these longer term actions, the Millstone Unit No. 3 MOV Program becomes a living program which will use performance monitoring and trending to identify problems in advance and adjust programmatic activity to maximize its benefit while minimizing the impact of MOV work on outage durations.

Commitments

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NNECO hereby commits to maintaining the MOV Program Manual as the controlling document for the Millstone Unit No. 3 MOV Program. NNECO reserves the right to make changes to the Manual, in accordance with our procedures for revision of controlled documents, while preserving conformation with GL 89-10 and its supplements.

We believe the foregoing information will support the NRC Staff's closure of NNECO's GL 89-10 efforts for Millstone Unit No. 3. Should you have any questions or require additional information, please contact Mr. Timothy G. Murray at (203) 440-2068.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

FOR: J. F. Opeka
Executive Vice President

BY: 
E. A. DeBarba
Vice President

cc: T. T. Martin, Region I Administrator
V. L. Rooney, NRC Project Manager, Millstone Unit No. 3
P. D. Swetland, Senior Resident Inspector, Millstone Unit
Nos. 1, 2, and 3

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Subscribed and sworn to before me

this 6th day of October, 1995

Gerard P. van Noorden

Date Commission Expires: 12/31/97

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Attachment 1

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