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

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August 8, 1980

Docket No. 50-245
B10055

Director of Nuclear Reactor Regulation
Attn: Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Reference: (1) W. G. Counsil letter to D. M. Crutchfield dated July 31, 1980.

Gentlemen:

Millstone Nuclear Power Station, Unit No. 1
Containment Purge Valves

This letter transmits additional information confirming the vent and purge valve closure capability, as committed in Reference (1).

Enclosure (1) is the generic Allis-Chalmers' valve test program. The data from this test program was used to analyze each vent/purge valve. Enclosure (2) is the conclusions of the Allis-Chalmers analysis and the detailed analysis for each vent/purge valve. Enclosure (3) is the FSAR DBA LOCA drywell temperature and pressure response curves which provide the drywell conditions for the analysis. Enclosure (4) summarizes pertinent data for each valve. Based on the above information, Allis-Chalmers has concluded there is no basis for blocking any vent/purge valve, and each valve will close against DBA LOCA pressures.

In addition to the enclosures, the following may also be of interest to the Staff. The atmosphere control system piping is 150 pound standard weight, carbon steel with 150 psig design pressure and 300 F design temperature. The piping and supports have been visually inspected in accordance with I&E Bulletin No. 79-14. This inspection revealed no deviations from the original as-designed, seismic piping configuration. In addition, a seismic re-verification, as required by I&E Bulletin No. 79-14, is being performed by Ebasco. It is anticipated that the re-verification will be completed by October, 1980. Per the original Purchase Order specification, the valves themselves are also seismically qualified. The valves are also located outside the drywell in non-hostile environments, and are designed to fail closed upon actuator failure.

With the transmittal of the enclosures, Northeast Nuclear Energy Company (NNECO) believes that the Staff should be able to concur with NNECO's conclusion that the vent/purge valves are capable of performing their design function. However, if it is felt that additional information would be of use to the Staff, please contact us. We are truly interested in resolving this issue to the Staff's satisfaction.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

W. G. Counsil

W. G. Counsil
Senior Vice President

Enclosures