



Docket No. 50-336

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

November 09, 1978

NRC PDR

Mr. W. G. Council, Vice President
Nuclear Engineering and Operations
Northeast Nuclear Energy Company
P. O. Box 270
Hartford, Connecticut 06101

Dear Mr. Council:

By letter dated July 10, 1978, you responded to our request of May 17, 1978 on pipe cracks in the chemical and volume control system (CVCS) due to excessive charging pump vibrations at Millstone Unit No. 2.

In your response, you indicated that liquid pulsation dampeners have been in operation since reactor startup in 1975 and no problems with pipe vibrations have been observed in the charging pump discharge piping. You also stated that stabilizer/separators were installed during May, 1978 to reduce excessive pipe vibration in the charging pump suction piping and that subsequent tests have shown no discernible vibration in this piping.

We have completed our review of this problem at Millstone Unit No. 2 and conclude that the peak alternating stresses in the charging pump section of the CVCS due to the operation of the positive displacement pumps should be below the endurance limit and therefore, fatigue failures are not anticipated. We consider this item closed.

Sincerely,

A handwritten signature in cursive script that reads "Robert W. Reid".

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

cc: See next page

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cc:
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