NORTHEAST UTILITIES
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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July 29, 1982

Docket No. 50-245
A02504

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

References: (1) J. Shea letter to W. G. Counsil dated May 10, 1982.

(2) W. G. Counsil letter to D. M. Crutchfield dated November 19, 1981.

(3) W. G. Counsil letter to D. G. Eisenhut dated October 31, 1980.

(4) W. G. Counsil letter to D. G. Eisenhut dated September 14, 1981.

Gentlemen:

Millstone Nuclear Power Station, Unit No. 1
SEP Topic IX-5, Ventilation Systems

Via Reference (1), the Staff forwarded the draft evaluation of SEP Topic IX-5, Ventilation Systems, for Millstone Unit No. 1. Northeast Nuclear Energy Company (NNECO) has reviewed Reference (1) and offers the following comments.

Section V. B, Reactor Building Ventilation System

Exhaust fans noted as NVE-1A and NVE-1B should be HVE-1A and HVE-1B.

The Staff noted that the reactor building ventilation system meets current requirements except for the capability of the standby gas treatment system to direct ventilation air from areas of low radioactivity to areas of higher radioactivity, due to its relatively low design flow rate.

As a result of NNECO's review of NUREG-0737 Item II.B.2, Shielding Design Review, it was determined that there is no need for personnel access to the reactor building under accident conditions. Therefore, NNECO considers the above open item to be of no consequence, and the issue is resolved.

A035

Section F.1.3, Feedwater Coolant Injection Subsystem Ventilation

The location of space coolers and the capability of these units to receive onsite emergency power can be determined from the following drawings:

Drawing No.	Title
250202-24001	HVAC Flow Diagram, Turbine Building, Control Room, and Service Area
250202-29285 Sheet 29	HVAC Flow Diagram, Turbine Building, Control Room, and Service Area
25202-30024	Motor Control Center One Line Diagram
25202-30007	Motor Control Center One Line Diagram

Section F.2.1, Station Cooling Water System Ventilation, and
Section F.2.2, Emergency Station Service Water System Ventilation

The intake structure roof fans do not receive emergency onsite power. The above listed electrical drawings provide the required information to support this conclusion.

Section F.2.3, Turbine Building Secondary Cooling Water System Ventilation

The arrangement of ventilation in the area of the turbine building secondary cooling water system and their power sources can be determined from the drawings listed in Section F.1.3, above.

F.3 Diesel Generator Room Ventilation System

Modifications made to the ventilation system as a result of the Environmental Qualification of Electrical Equipment are shown on drawing No. 25202-29285, Sheet 29, HVAC Flow Diagram Turbine Building, Control Room, and Service Area. In addition, as noted in NNECO's SAR for this topic, Reference (2), the details of these modification are described in References (3) and (4).

F.5 Auxiliary Electrical Equipment Room Ventilation and
F.6 Battery Rooms Ventilation System

Fans HVE-15A and 15B may receive emergency onsite electrical power, if required. This can be verified from the drawings provided in Section F.1.3, above.

We trust the Staff will find the above information sufficient to complete its review of the Millstone 1 ventilation systems. The balance of the Staff's conclusions will be addressed during the Integrated Assessment.

Very truly yours,

NORTHEAST NUCLEAR ENERGY COMPANY

W. G. Counsil

W. G. Counsil
Senior Vice President