

MAY 11 1981

Docket No. 50-245
LS05-81-05-014

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



Dear Mr. Council:

SUBJECT: MILLSTONE 1 - SEP TOPICS V-10.B, RHR RELIABILITY, V-11.B, RHR
INTERLOCK REQUIREMENTS AND VII-3, SYSTEMS REQUIRED FOR SAFE
SHUTDOWN (SEP SAFE SHUTDOWN SYSTEMS REPORT)

Enclosed is our final evaluation of safe shutdown systems for Millstone 1, incorporating comments of your letter dated April 6, 1981. Changes to the report are marked in the margin.

We now consider the systems review under these topics to be complete. This evaluation will be a basic input to the integrated safety assessment for your facility. This report may be revised in the future if your facility design is changed or if NRC criteria relating to this topic are modified before the integrated assessment is complete.

During the integrated assessment we will consider means to ensure that procedures essential to SEP topic evaluations are appropriately maintained so that future procedural modifications will not adversely affect plant safety and the conclusions of our SEP evaluations. We are assessing whether section 6.8 of the Technical Specifications could be adapted for our purposes, whether key procedures should be subject to offsite review committee oversight or other processes. We fully agree that specific revisions of procedures should not be directly incorporated into the Technical Specifications.

Staff positions being carried into the integrated assessment are:

1. The licensee must develop plant operating/emergency procedures for conducting a plant shutdown and cooldown using only the systems and equipment identified in Section 4.0 of the SEP Shutdown Systems Report.
2. The licensee must develop plant operating/emergency procedures for conducting a plant cooldown to cold shutdown conditions from outside the control room.

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3. Considering air (or nitrogen) leaks from the electropneumatic Automatic Pressure Relief valve actuation systems, the licensee must demonstrate that these valves will be available for long term core cooling or must provide the means to assure their availability for this function. Operator actions outside the control room to assure long term availability of the valves would be considered acceptable if suitably justified.

Sincerely,

Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

SEPBDL	SEPBDL	SEPBDL	ORRCDL:PM	ORRCDL:C	AD/SA:DL
EMcKenna:bl	CBerlinger	WRussell	JShea	DCrutchfield	Malinas
5/11/81	4/ /81	4/ /81	5/7/81	5/7/81	4/11/81



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

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E305-81-05-014

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Nuclear Engineering and Operations
Northeast Nuclear Energy Company
Post Office Box 270
Hartford, Connecticut 06101

Dear Mr. Council:

SUBJECT: MILLSTONE 1 - SEP TOPICS V-10.8, RHR RELIABILITY, V-11.B, RHR
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SHUTDOWN (SEP SAFE SHUTDOWN SYSTEMS REPORT)

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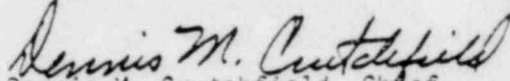
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3. Considering air (or nitrogen) leaks from the electropneumatic Automatic Pressure Relief valve actuation systems, the licensee must demonstrate that these valves will be available for long term core cooling or must provide the means to assure their availability for this function. Operator actions outside the control room to assure long term availability of the valves would be considered acceptable if suitably justified.

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See next page

Mr. W. G. Council

cc

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Northeast Utilities Service Company
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Hartford, Connecticut 06101

Resident Inspector
c/o U. S. NRC
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Niantic, Connecticut 06357

Waterford Public Library
Rope Ferry Road, Route 156
Waterford, Connecticut 06385

First Selectman of the Town
of Waterford
Hall of Records
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Waterford, Connecticut 06385

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