

September 29, 1982

Docket No. 50-245
LS05-82-09-081

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 TOPIC III-5.B, PIPE BREAK OUTSIDE
CONTAINMENT

- References:
1. D. M. Crutchfield letter to W. G. Council, dated March 31, 1982.
 2. W. G. Council letter to D. M. Crutchfield, dated June 28, 1982.
 3. D. C. Switzer letter to A. Giambusso, dated August 30, 1973.

In Reference (1), we issued a draft evaluation report on the subject topic. By Reference (2) you partially addressed the staff's concerns in the following three areas: (a) flooding effects due to failure of moderate energy lines, (b) postulated pipe breaks in the penetration areas, and (c) the calculation of jet impingement loads used in Reference (3).

*SE04
DSa use(27)*

We have reviewed your response to Item (a) in Reference (2) and found it acceptable. However, we have not received the supplemental information for items (b) and (c) which was discussed in your letter.

*ADD!
E. McKenna*

Based upon our review of your response we conclude that our draft evaluation is factually correct and is, therefore, considered our final evaluation on this topic. We will address the resolution of item (a) in the Integrated Plant Safety Evaluation Report.

The need to actually implement changes as a result of items (b) and (c) will be determined during the integrated assessment.

Sincerely,

*See previous yellow for additional concurrences.

SEPB:DL	SEPB:DL	ORB#5:PM
DPersinko*	WRussell	JShea
9/16/82	9/16/82	9/17/82

ORB#5:PM	ADD:DL
DCrutchfield	Fraglia
9/27/82	9/29/82

James Shea, Project Manager
Operating Reactors Branch No. 5

OFFICE	SEPB:DL	Division of Licensing	SEPB:DL	SEPB:DL	SEPB:DL
SURNAME	cc: See next page	PYChen:dk*	EMcKenna*	RHermann*	CGrimes
		7/15/82	9/16/82	9/16/82	9/16/82

8210040293 820929
PDR ADOCK 05000245
PDR

NRC F P

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

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SUBJECT: MILLSTONE 1 - SEP TOPIC III-5.B, PIPE BREAK OUTSIDE
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In Reference (1), we issued a draft evaluation report on the subject topic. By Reference (2) you addressed the staff's concerns in the following three areas: (a) flooding effects due to failure of moderate energy lines, (b) postulated pipe breaks in the penetration areas, and (c) the calculation of jet impingement loads used in Reference (3).

We have reviewed your response to Item (a) in Reference (2) and found it acceptable. However, we have not received your responses to Items (b) and (c). Therefore, we conclude that the plant is adequately protected from the dynamic effects of pipe break outside containment subject to resolution of the Items (b) and (c) above in the Integrated Plant Safety Assessment.

The need to actually implement changes as a result of these items will be determined during the integrated safety assessment. This safety evaluation 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 completed.

Sincerely,

ORB#5:BC AD:SA:DL
DCrutchfield FMiraglia
9/ /82 9/ /82

James Shea, Project Manager
Operating Reactors Branch #5
Division of Licensing

SEPB:DL
CGrimes
9/ /82

SEPB:DL
WRussell
9/ /82

OFFICE ▶ CC: See next page.....	SEPB:DL PYChen:dk	SEPB:DL EMcKenna	SEPB:DL DPersinko	SEPB:DL RHermann	ORB#5:PM JShea
SURNAME ▶	9/15/82	9/16/82	9/16/82	9/17/82	9/ /82
DATE ▶

Mr. W. G. Council

cc

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