

July 3, 1985

Docket No.: 50-29
LS05-85-07-007

Mr. George Papanic, Jr.
Senior Project Engineer - Licensing
Yankee Atomic Electric Company
1671 Worcester Road
Framingham, Massachusetts 01701

Dear Mr. Papanic:

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Docket	BGrimes
NRC PDR	JPartlow
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HThompson	JZwolinski
OELD	ACRS (10)
EJordan	PYChen
TCheng	EMcKenna
CGrimes	

SUBJECT: SEP TOPIC III-7.B, DESIGN CODES, DESIGN CRITERIA AND LOADINGS
COMBINATIONS - YANKEE NUCLEAR POWER STATION

In Section 4.12 of NUREG-0828, the staff indicated that information regarding the applicability of code changes identified under SEP Topic III-7.B was under review. In the integrated assessment summary dated December 23, 1982, the Yankee Atomic Electric Company (YAEC) concluded the code changes and load combinations identified under Topic III-7.B would be resolved when the related SEP topics are resolved (i.e., II-2.A, III-5.A, III-5.B, and III-6).

While the staff is currently reviewing your proposed resolutions for the related SEP topics, it would appear that YAEC should have sufficient information to resolve the issues raised under Topic III-7.B. The enclosed letter from the Franklin Research Center (FRC) dated March 8, 1985, identifies the information needed to complete our review. You should note that, while FRC's recommendation refers to "all Seismic Category I structures," your evaluation should address the margin of safety for the load combinations relevant to a particular structure; e.g., seismic load combinations for the structures associated with the Hot Shutdown System.

We request that you take the three actions identified on page 2 of the enclosed letter from Franklin Research Center, and provide the results of your evaluations to us. Please provide a schedule for submittal of this information within 30 days of receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

8507080207 850703
PDR ADDCK 05000029
P PDR

Original signed by
John A. Zwolinski, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosure:
As stated

cc w/enclosure:
See next page

*SEE PREVIOUS PAGE FOR CONCURRENCE

SEPBD:DL*
PYChen:mn
6/18/85

SEPBD:DL*
TCheng
6/18/85

SEPBD:DL*
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JClifford
7/2/85

ORB#5:DL
JZwolinski
7/2/85

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Yankee Atomic Electric Company
1671 Worcester Road
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COMBINATIONS - YANKEE NUCLEAR POWER STATION

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While the staff is currently reviewing your proposed resolutions for the related SEP topics, it would appear that YAEC should have sufficient information to resolve the issues raised under Topic III-7.B. The enclosed letter from the Franklin Research Center (FRC) dated March 8, 1985, identifies the information needed to complete our review. You should note that, while FRC's recommendation refers to "all Seismic Category I structures," your evaluation should address the margin of safety for the load combinations relevant to a particular structure; e.g., seismic load combinations for the structures associated with the Hot Shutdown System.

We request that you provide a schedule for submittal of the requested information within 30 days of receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

John A. Zwolinski, Chief
Operating Reactors Branch #5
Division of Licensing

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COMBINATIONS - YANKEE NUCLEAR POWER STATION

In Section 4.12 of NUREG-0828, the staff indicated that information regarding the applicability of code changes identified under SEP Topic III-7.b was under review. In the integrated assessment summary dated December 23, 1982, the Yankee Atomic Electric Company (YAEC) concluded the code changes and load combinations identified under Topic III-7.B would follow directly when the related SEP topics are resolved (e.g., II-2.A, III-5.A, III-5.B, and III-6.

While the staff is currently reviewing your proposed resolutions for the related SEP topics, it would appear that sufficient information should be available to resolve the issues raised under Topic III-7.B. The enclosed letter from the Franklin Research Center (FRC) dated March 8, 1985 identifies the information needed to complete our review. You should note that, while FRC's recommendation refers to "all Seismic Category I structures," your evaluation should address the margin of safety for load combinations for the load combinations relevant to a particular structure; e.g., seismic load combinations for the structures associated with the Hot Shutdown System.

We request that you provide a schedule for completion of the requested actions within 30 days of receipt of this letter. The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

John A. Zwolinski, Chief
Operating Reactors Branch #5
Division of Licensing

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Enclosed are the NRC contractor's (Franklin Research Center) comments on your submittal dated December 23, 1982. Your position in that submittal was that compliance with Systematic Evaluation Program (SEP) Topic III-7.B follows automatically once all other related SEP topics have been addressed. The NRC staff feels that more information is required in order to evaluate the adequacy of plant structures at the Yankee plant under the subject topic.

You are requested to respond with a schedule for completion of the requested actions as described in the enclosure within 30 days of receipt of this letter.

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

John A. Zwolinski, Chief
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Mr. George Papanic, Jr.
Yankee Atomic Electric Company

Yankee Nuclear Power Station

cc
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