



30 South 17th Street  
Post Office Box 8223  
Philadelphia, PA 19101

November 26, 1984

BOSTON  
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DENVER  
ECHOLON  
KNOXVILLE  
PHILADELPHIA  
VALLEY FORGE

Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Sir:

SUBJECT: 10 CFR 21 Report of a Potential  
Defect Related to Public Service  
Company of New Hampshire - Seabrook  
Station and Supply System - WNP 1

On August 7, 1981, UE&C submitted a report of a potential defect pertaining to slippage of raceway support bolted strut fittings. UE&C has since submitted four status reports, the last on December 6, 1983. In those reports, specific actions and programs adopted for the satisfactory resolution of the problem were presented. This report summarizes the progress made toward the completion of those programs.

For the WNP Unit 1, the review activities for the cable tray supports have been completed. The review confirmed that only a limited number of modifications were required because of design conservatism. Due to the construction deferment, modifications are postponed.

Design review activities for Seabrook Station have been completed. The review indicates that retrofits are required. The specification of these retrofit activities and the actual retrofit will be completed prior to fuel load.

In summary, all design activities relating to the original fitting deficiency are completed and programs to implement any necessary modifications formally identified and all progress monitored. We assume that any follow-up activities will be monitored by your regional inspectors. Therefore, we do not plan to issue any future progress reports on the subject deficiency. If you have any questions, please do not hesitate to contact us.

Very truly yours,

H. G. Kreider  
Vice President - Power

8412010052 841126  
PDR ADOCK 05000443  
S PDR

cc: Regional Director  
USNRC - Region 1

Regional Director  
USNRC - Region 5

IE19  
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TELEPHONE 215 422-3000

TWX 710-670-1257

TELEX 83-4203

TELECOPIER 215 422-3049

50-443, 444, 460

A Raytheon Company

ATTACHMENT I

BOLTED STRUT FITTINGS SLIPPAGE PROBLEM

A. ACTIONS TAKEN DECEMBER 6, 1983 TO DATE

1. Seabrook Station

- a. Engineering design calculations, utilizing the documented test results, to determine the required retrofits are complete for both the cable tray and conduit support activities. To minimize the number of changes required, the recommended modifications are being reviewed against actual field conditions. The resulting calculations and drawing release is continuing, but at a reduced rate due to the project slowdown.
- b. Retrofit of cable tray support fittings with insufficient capacity was begun but was curtailed in April, 1984.

2. WNP-1 UNIT

- a. Structural evaluations which identified necessary modifications for the cable tray supports are complete. The results of these evaluations are documented in a report entitled "Seismic Analysis and Qualification of Seismic Category I Cable Tray Systems" (Report No. 6702-C-EE-3E-01-F, Rev. 1; March 30, 1984).
- b. Structural adequacy has been confirmed for the conduit supports. No additional action is required.

B. REMAINING ACTION ITEMS

1. Seabrook Station

Completion of the retrofit calculations and drawings identifying the required cable tray and conduit support fitting is continuing. Retrofit of the fittings will be completed prior to fuel load.

2. WNP-1 UNIT

Incorporate the identified tray support modifications upon resumption of plant construction.