Telephone 617 366-9011
TWX
710-390-0739

YANKEE ATOMIC ELECTRIC COMPANY

20 Turnpike Road Westborough, Massachusetts 01581

B.4.2.1
WYR 79-85

July 20, 1979

United States Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region I
531 Park Avenue
King of Prussia, PA 19406

Attention: Mr. Boyce H. Grier, Director

References: (a) License No. DPR-3 (Docket No. 50-29)
(b) Letter NRC to YAEC dated June 21, 1979;
I&E Bulletin No. 79-02, Revision 1
(c) Letter YAEC to NRC dated July 11, 1979;
(WYR 79-81)

Dear Sir:

Subject: Additional Information in Response to I&E Bulletin No. 79-02

In accordance with your request, reference (b), and our schedule, reference (c), the following information is being provided in response to I&E Bulletin No. 79-02.

Visual inspections have been completed on hangers and restraints for the following systems:

1. Emergency Core Cooling System
2. Vapor Container Long Term Recirculation System
3. Pressurizer Safety and Relief Valve Discharge Line

This inspection indicated that in all cases where concrete expansion anchors are used the anchors appeared to be in good condition. No spalling of concrete was observed at the locations of any anchors. In addition, the anchors were tested for hand tightness and no loose or missing bolting was discovered. All hangers were found to be in conformance with the information contained on available drawings.

The only base plate type supports in the three aforementioned systems utilizing concrete anchors are several restraints for mechanical shock suppressors located on the pressurizer discharge line. Review of the design criteria for these supports show them to be acceptable for withstanding the loading to which they were designed. In addition, the

visual inspection revealed no discrepancies with these supports. The remainder of the concrete anchors are used in dead-weight hanger applications in which a constant load is applied to the anchor by the weight of the piping it supports. Failure of this type of hanger would be obvious immediately by its failure to support its static load. As mentioned, no indication of any defective anchors of this type was found during the referenced inspections.

In conclusion, due to the limited use of the subject concrete anchors and supports, as well as the high reliability these anchors have provided to date, the problems identified in Bulletin 79-02 are not occurring at the Yankee Rowe facility.

We trust that this information is satisfactory; however, should you desire any additional information please contact us.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY

D. E. Moody
Manager of Operations

JKT/dmp

771349