

UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE
REGION I
970 BROAD STREET
NEWARK, NEW JERSEY 07102

201 645-3942

J. G. Keppler, Chief, Reactor Testing & Operation Br.
Directorate of Regulatory Operations, HQ

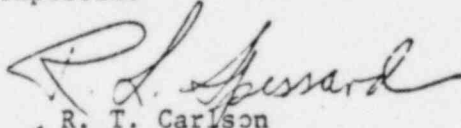
RO INSPECTION REPORT NO. 50-29/72-02
YANKEE ATOMIC ELECTRIC COMPANY
YANKEE ROWE - PWR

The subject inspection report is forwarded for information. One item of noncompliance was identified, and the item was addressed in our documentation letter.

Inspection findings relating to the ECCS installation and testing were previously forwarded to your office in our memo, dated May 5, 1972. Regarding item No. b in the referenced memo, Yankee Management stated, during subsequent telephone conversations, that a qualified inspector or examiner will inspect the sections of the ECCS constructed in accordance with ANSI B 31.7. With respect to the other previously identified noncompliance items relating to the ECCS (RO Report 50-29/72-01), the licensee had corrected or planned to correct these items. We believe that the licensee has made improvements in his QA program; however, we are scheduling a QA meeting in July, 1972.

Our inspector identified two matters which we believe may warrant further consideration. The first involves the pressurizer pressure sensing line (1/2-inch stainless steel tubing) that is connected to a transmitter (ECCS initiating circuit) in the primary auxiliary building. We believe this line (installed in 1968 under Proposed Change 82) represents a design inadequacy in that the section outside the vapor container (about 100') has no excess flow protection. The excess flow protection is located at the transmitter. This line also contains a manual isolation valve inside the vapor container, and the valve is accessible during operation. We believe that excess flow protection inside of containment, as required in the design of current generation plants, should be provided as a backfit item.

The second matter involves the performance of the ECCS during 3 loop operation. The licensee's analyses and testing program apparently ignored this case. In a subsequent telephone conversation Mr. Autio, Plant Superintendent, stated that the plant would not be operated on 3 loops until the analyses were completed.


R. T. Carlson
Chief, Reactor Operations Br.

Enclosure:
Subject Inspection Report

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