



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

June 4, 1986

Docket No. 99900049/86-01

Atwood & Morrill Company, Inc.
ATTN: S. N. Shields
Vice President, Engineering
285 Canal Street
Salem, Massachusetts 01970

Gentlemen:

This refers to the inspection conducted by Mr. E. H. Trottier of this office on February 10-11, 1986, of your facility in Salem, Massachusetts and to the discussions of our findings with you and members of your staff at the conclusion of the inspection.

This inspection was performed as a result of the recent failure of five safety related check valves at Unit 1 of the San Onofre Nuclear Generating Station. Their failure directly led to the rupture of a low pressure feedwater heater and a significant water hammer event in the feedwater system. Although Atwood & Morrill valves were not involved in this event, they have been ordered as replacements for the affected feedwater system check valves. Accordingly, emphasis was placed on the attributes of Atwood & Morrill's Quality Assurance Program related to check valve design control and application; procurement document control; identification and control of material, parts and components; and control of special processes. Within these areas, the inspection consisted of an examination of procedures and representative records, employee interviews and observations by the inspector.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

A handwritten signature in dark ink, appearing to read "G. G. Zech", written over a horizontal line.

Gary G. Zech, Chief
Vendor Program Branch
Division of Quality Assurance, Vendor
and Technical Training Center Programs
Office of Inspection and Enforcement

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