

**ENCLOSURE 1
NOTICE OF VIOLATION**

North Atlantic Energy Service Corporation
Seabrook Station, Unit 1

Docket No. 50-443
License No. NPF-86

During an NRC inspection conducted on January 19 - February 28, 1994, a violation of NRC requirements was identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, the violation is listed below:

10 CFR 50, Appendix B, Criterion XVI and the Seabrook Station UFSAR, Section 17.1.1.16 require that conditions adverse to quality be promptly identified and corrected and that the cause of a significant condition adverse to quality be determined and corrective action taken to preclude repetition.

Contrary to the above, several conditions adverse to the quality and performance of a main steam isolation valve (MSIV 86) were not promptly identified and corrected. Such conditions included a degraded hydraulic pump and leaking solenoid valve, evidence of which existed between December 1992 and October 1993 in the form of MSIV 86 testing anomalies. Additionally, during this same time frame, the mechanism for the introduction of debris into the MSIV hydraulic system was not identified or corrected, despite the fact that a reactor trip was caused by a related problem on another MSIV in May 1993. Furthermore, the actions taken to preclude repetition of the MSIV testing anomalies, which were known to be capable of causing a reactor trip, were ineffective; in that a contingency plan to close a manual hydraulic isolation valve on MSIV 86 failed because it was not verification tested. Consequently, another test anomaly on January 25, 1994 caused a reactor trip.

This is a Severity Level IV violation (Supplement I).

Pursuant to the provisions of 10 CFR 2.201, North Atlantic Service Corporation is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555 with a copy to the Regional Administrator, Region I, and a copy to the NRC Resident Inspector at the facility that is the subject of this Notice, within 30 days of the date of the letter transmitting this Notice of Violation. This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and (4) the date when full compliance will be achieved.

Dated at King of Prussia, Pennsylvania
the 23rd day of March, 1994

9403290019 940323
PDR ADDCK 05000443
G PDR

OFFICIAL RECORD COPY