

APPENDIX A

NOTICE OF VIOLATION

Public Service Company of New Hampshire
Seabrook Unit 1

Docket No. 50-443
License No. CPPR-135

As a result of the inspection conducted on February 3 - March 31, 1986 and in accordance with the NRC Enforcement Policy (10 CFR 2, Appendix C) published in the Federal Register on March 9, 1984 (49 FR 8583) the following violation was identified:

10 CFR 50, Appendix B, Criterion III and the Seabrook Station FSAR, Section 17.1.1.3 require that measures be established to assure that applicable regulatory requirements and the design basis for safety-related structures, systems, and components are correctly translated into specifications, drawings, procedures and instructions. FSAR Section 6.2.3 states that the Containment Enclosure Emergency Cleanup System "is capable of reducing the containment enclosure pressure to negative 0.25 inches (w.g.)" and of "processing the atmosphere of the containment enclosure space." It further states that the containment boundary welds of the main steam, feedwater and steam generator blowdown lines are included within the containment enclosure. UE&C Specification 236-11 states, in part, that the Containment Enclosure Emergency Exhaust Units "serve to exhaust radioactively-contaminated air from the containment enclosure area during emergency conditions and to remove particulate material and radioactive iodine gas from the air prior to it being exhausted to the atmosphere." UE&C Drawings F-805052 & 101453 and Foreign Prints 18032 & 18033 (P. O. 12-04/5) identify pressure seal plates in both the East and West Main Steam and Feedwater Chases as extensions of the containment enclosure.

Contrary to the above, as of February 3, 1986, no design document translated the requirement that the air space behind the pressure seal plate be made part of the containment enclosure. This design failure resulted in the construction of a space within the containment enclosure (as defined by the above UE&C Drawings and Foreign Prints), which would not be reduced to a negative 0.25 inches (w.g.) pressure during emergency conditions and which would not be vented through the Containment Enclosure Emergency Exhaust Units. Thus, the inspector observed on February 19, 1986 the installation of the pressure seal plates in both steam and feedwater chases with no provision for venting the air space behind them so that their atmosphere would be processed by the Containment Enclosure Emergency Air Handling System.

This is a Severity Level IV Violation (Supplement II).

Pursuant to the provisions of 10 CFR 2.201, Public Service Company of New Hampshire is hereby required to submit to this office within 30 days of the date of the letter transmitting this Notice, a written statement or explanation in reply, including for each violation: (1) the corrective steps which have been taken and the results achieved; (2) the corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending the response time.

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PDR ADOCK 05000443
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