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Ted C. Feigenbaum
Senior Vice President and
Chief Nuclear Officer

NYN- 93046

March 31, 1993

United States Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

- References:
- (a) Facility Operating License No. NPF-86, Docket No. 50-443
 - (b) USNRC Generic Letter No. 92-08, dated December 17, 1992, "THERMO-LAG FIRE BARRIERS"
 - (c) North Atlantic Letter NYN-92101, dated July 20, 1992, "Response to NRC Bulletin No. 92-01"

Subject: Response to Generic Letter 92-08 (TAC No. 85603)

Gentlemen:

NRC Bulletin 92-01 discussed fire endurance testing failures associated with Thermo-Lag 330 fire barrier systems manufactured by Thermal Science, Incorporated (TSI). Licensees of operating reactors using Thermo-Lag fire barriers were requested to take specific actions and provide a written response. The North Atlantic response to Bulletin 92-01 was submitted in Reference (c). NRC Generic Letter (GL) 92-08 requested additional information regarding Thermo-Lag 330-1 fire barrier systems. This letter provides the information for Seabrook Station requested by GL 92-08.

As reported in Reference (c), Thermo-Lag 330 fire barrier systems are not utilized at Seabrook Station. Selected, redundant, safe-shutdown circuits at Seabrook Station, which are routed through common fire areas, are enclosed in conduit and wrapped with a one-hour fire-rated wrap system. The conduit fire wrap system used at Seabrook Station was supplied by 3M Fire Protection Products. Inside Containment, stainless steel faced mat and stainless steel foil tape are used. Elsewhere, aluminum faced mat and aluminum foil tape are used. The smallest fire-rated wrapped conduit at Seabrook Station is one inch in diameter. Cable trays do not contain cables of redundant circuits requiring the protection of a fire barrier system. Therefore, cable trays at Seabrook Station are not wrapped.

North Atlantic evaluated the applicability to Seabrook Station of the technical concerns described in GL 92-08. This evaluation determined that the conduit fire wrap system installed at Seabrook Station complies with NRC requirements and provides a reliable, one-hour fire-rated barrier as required by 10CFR50, Appendix R. The evaluation

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concluded that the technical concerns described in GL 92-08 are not applicable to the fire barrier system installed at Seabrook Station. Additional information supporting the determination and conclusion of this evaluation is available on-site.

We trust that the above information provides the requested response to GL 92-08 for Seabrook Station. Should you have any questions on this matter, please contact Mr. James M. Peschel, Regulatory Compliance Manager at (603) 474-9521 extension 3772.

Very truly yours,



Ted C. Feigenbaum

TCF:GK

STATE OF NEW HAMPSHIRE

Rockingham, ss.

March 31, 1993

Then personally appeared before me, the above-named Ted C. Feigenbaum, being duly sworn, did state that he is Senior Vice President and Chief Nuclear Officer of the North Atlantic Energy Service Corporation, that he is duly authorized to execute and file the foregoing information in the name and on the behalf of North Atlantic Energy Service Corporation and that the statements therein are true to the best of his knowledge and belief.



Tracy A. DeCredico, Notary Public

My Commission Expires: October 3, 1995

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cc: Mr. Thomas T. Martin
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