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Ted C. Feigenbaum
Senior Vice President and
Chief Nuclear Officer

NYN-93048

March 30, 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) North Atlantic Letter NYN-93020, dated February 2, 1993, "Request for NRC Review and Approval of Analysis Methodologies to Applied to Seabrook Station", T. C. Feigenbaum to NRC Document Control Desk

Subject: Revised Affidavit Pursuant to 10 CFR2.790 and Copyright Notices for YAEC-1849P, YAEC-1854P and YAEC-1856P

Gentlemen:

North Atlantic Energy Service Corporation (North Atlantic) submitted three topical reports for NRC review and approval on February 2, 1993 [Reference (b)]. The topical reports were prepared by Yankee Atomic Electric Company (YAEC) to describe core reload analysis methodologies which North Atlantic proposes to use in support of future operation of Seabrook Station

North Atlantic requested that Yankee Atomic Electric Company (YAEC) Reports YAEC-1849P, "Thermal-Hydraulic Analysis Methodology Using VIPRE-01 for PWR Applications", YAEC-1854P "Core Thermal Limit Protection Function Setpoint Methodology for Seabrook Station" and YAEC-1856P "System Transient Analysis Methodology Using RETRAN for PWR Applications" be withheld from public disclosure as they contain information proprietary to Yankee Atomic Electric Company. The affidavit of Stephen P. Schultz, Vice President YAEC, was submitted in support of the request for withholding pursuant to 10 CFR2.790. A revised affidavit has been prepared by Mr. Schultz to address, more fully, the elements of 10 CFR2.790(b)(4). The revised affidavit of Mr. Schultz is enclosed herein. The enclosed affidavit dated March 29, 1993, supersedes the affidavit of November 26, 1992.

North Atlantic has also enclosed three Copyright Notices dated March 10, 1993, signed by Mr. Schultz, which grant the NRC the authority to make the number of copies of YAEC-1849P, YAEC-1854P and YAEC-1856P which are necessary for its internal use and to fulfill its legal responsibilities as regards public disclosure.

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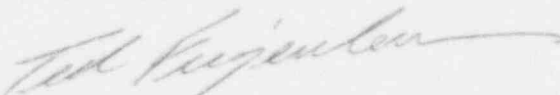
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Should you have any questions regarding this letter, please contact Mr. Terry L. Harpster, Director of Licensing Services at (603) 474-9521 extension 2765.

Very truly yours,



Ted C. Feigenbaum

TCF:ALL/act

Enclosures

cc: Mr. Thomas T. Martin
Regional Administrator
U. S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

Mr. Albert W. De Agazio, Sr. Project Manager
Project Directorate I-4
Division of Reactor Projects
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Mr. Noel Dudley
NRC Senior Resident Inspector
P.O. Box 1149
Seabrook, NH 03874

North Atlantic
March 30, 1993

ENCLOSURES TO NYN-93048

AFFIDAVIT PURSUANT TO 10 CFR 2.790

YANKEE ATOMIC ELECTRIC COMPANY)
NUCLEAR SERVICES DIVISION)
COMMONWEALTH OF MASSACHUSETTS)
WORCESTER COUNTY) ss

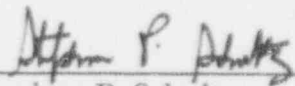
- (1) I, Stephen P. Schultz, depose and say that I am Vice President of Yankee Atomic Electric Company ("Yankee"), duly authorized to make this affidavit, and have reviewed or caused to have reviewed the information which is identified as proprietary. I am submitting this affidavit in conformance with the provisions of 10 CFR 2.790 of the Commission's regulations for withholding this information from public disclosure.
- (2) The information for which proprietary treatment is sought is contained in reports YAEC-1849P, "Thermal-Hydraulic Analysis Methodology Using VIPRE-01 for PWR Applications," YAEC-1854P, "Core Thermal Limit Protection Function Setpoint Methodology for Seabrook Station," and YAEC-1856P, "System Transient Analysis Methodology Using RETRAN for PWR Applications." These reports provide technical descriptions of analytical methods developed by the Yankee Atomic Electric Company.
- (3) Pursuant to the provisions of Paragraph (b) (4) of Section 2.790 of the Commission's regulations, the following is furnished for the consideration of the Commission in determining whether the information in the above report should be withheld from the public disclosure:
 - a. The information sought to be withheld from public disclosure is owned and has been held in confidence by Yankee.
 - b. The information is of a type customarily held in confidence by Yankee and not customarily disclosed to the public. Yankee has a rational basis for determining the type of information customarily held in confidence which includes a procedure which determines whether to hold information in confidence. Under that procedure, information that is determined to have "actual or potential commercial value," i.e., is potentially marketable or provides a potential competitive advantage, is held in confidence.
 - c. This information is being transmitted to the Commission in confidence under the provisions of 10 CFR 2.790 with the understanding that it be received in confidence by the Commission.
 - d. The information, to the best of Yankee's knowledge and belief, is not available in public sources.
 - e. The material contained in the report contains significant information and

detail pertaining to the development of a methodology and/or data. This material, which is marketable in several ways, was obtained at considerable expense to Yankee and our sponsor companies. The public release of this information, making it readily available to our competitors, would diminish Yankee's ability to sell products and services involving the use of this information.

- f. The use of the information and data provided in this document by a competitor would put Yankee at a competitive disadvantage by reducing his expenditure of resources at the expense of Yankee and our sponsor companies.
- (4) Yankee hereby grants the NRC the authority to make the number of copies of YAEC-1849P, YAEC-1854P, and YAEC-1856P, all copyrighted publications, which are necessary for its internal use and to fulfill its legal responsibilities as regards public disclosure.
- (5) This information is part of that which would enable Yankee to:
 - (a) Establish methods for calculating operating limits for reload cores.
 - (b) Perform reload safety evaluations addressing the impact of the reload core on the plant safety analysis.


Public disclosure of this proprietary information is likely to cause substantial harm to the competitive position of Yankee because it would enhance the ability of competitors to develop similar methodologies without commensurate expenditures. Also, public disclosure of the information would enable others to use the information to meet NRC requirements for licensing documentation without purchasing the right to use the information.

Further the deponent sayeth not.



Stephen P. Schultz
Vice President

Sworn to before me this
29th day of March, 1993

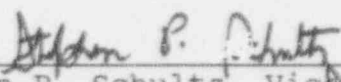


Helen Dean Sammarco, Notary Public
My Commission Expires October 16, 1998

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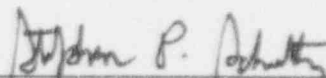
Stephen P. Schultz, Vice President
Engineering Sciences

March 10, 1993

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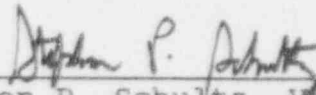
Stephen P. Schultz, Vice President
Engineering Sciences

March 10, 1993

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Stephen P. Schultz, Vice President
Engineering Sciences

March 10, 1993