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Ted C. Feigenbaum
Senior Vice President and
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NYN- 93133

September 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-930102 dated July 19, 1993, "Emergency Response Data System (ERDS) Data Point Library Reference File," T.C. Feigenbaum to USNRC

Subject: Update to Emergency Response Data System (ERDS) Data Point Library Reference File

Gentlemen:

In Reference (b), North Atlantic Energy Service Corporation (North Atlantic) submitted the Data Point Library Reference File (DPL) for Seabrook Station. This letter submits two updated pages (pp 8 and 33) to the DPL. This letter is a follow-up to a facsimile sent to Mr. John Joliceur, NRC ERDS Project Manager on August 25, 1993.

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

Very truly yours,

A handwritten signature in dark ink, appearing to read "Ted C. Feigenbaum", is written over a horizontal line.

Ted C. Feigenbaum

TCF:GK/act

Enclosure

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a member of the Northeast Utilities system

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United States Nuclear Regulatory Commission
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cc: Mr. Thomas T. Martin
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U.S. Nuclear Regulatory Commission
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Mr. Albert W. De Agazio, Sr. Project Manager
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ERDS Project Manager
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North Atlantic
September 30, 1993

ENCLOSURE 1 to NYN-93133

EMERGENCY RESPONSE DATA SYSTEM (ERDS)
DATA POINT LIBRARY REFERENCE FILE
FOR SEABROOK STATION
UPDATED PAGES (8) AND (33)

DATE: 08/20/93

REACTOR UNIT: SB1

DATA FEEDER: MPCs/SPDS

NRC ERDS PARAMETER: SG LEVEL 1/A

POINT ID: C0900

PLANT SPEC POINT DESC: SG A COMPENSATED WR LEVEL

GENERIC/COND DESC: STEAM GENERATOR A WATER LEVEL

ANALOG/DIGITAL: A

ENGR UNITS/DIG STATES: %

ENGR UNITS CONVERSION: 0-100% = 0-559"

MINIMUM INSTR RANGE: 0

MAXIMUM INSTR RANGE: 100

ZERO POINT REFERENCE: TUBSHT

REFERENCE POINT NOTES: 0% = 22" ABOVE TUBSHT

PROC OR SENS: P

NUMBER OF SENSORS: 1

HOW PROCESSED: DENSITY COMPENSATED BASED ON SG A AVG. PRESS

SENSOR LOCATIONS: TAPS: UPPER-581", LWR-22" ABOVE TUBSHT

ALARM/TRIP SETPOINT: TRIP AT APPROX. 79% WR (14% NR)

NI DETECT CUT-OFF PWR: N/A

NI DETECT TURN-ON PWR: N/A

INSTRUMENT FAILURE MODE: MULTIPLE - DEPENDING ON REF LEG

TEMP COMP DP XMITTERS: NO

LEVEL REFERENCE LEG: WET

UNIQUE SYSTEM DESCRIPTION: (TOP OF UTUBES = 58") PLANT COMPUTER RAW VALUE OF SG WATER LEVEL DOES NOT ACCOUNT FOR DENSITY. MAIN CONTROL BOARD INDICATION IS DENSITY COMPENSATED; SO A CALCULATION IS DONE WITHIN THE SPDS CODE TO COMPENSATE SG LEVEL USING THE SGA AVG. PRESSURE.

DATE: 08/20/93
REACTOR UNIT: SB1
DATA FEEDER: MPCs/SPDS
NRC ERDS PARAMETER: PRZR LEVEL
POINT ID: C0729
PLANT SPEC POINT DESC: AVG PZR LVL-INVEN/SPDS
GENERIC/COND DESC: PRIMARY SYSTEM PRESSURIZER LEVEL
ANALOG/DIGITAL: A
ENGR UNITS/DIG STATES: %
ENGR UNITS CONVERSION: 125 GALLONS PER PERCENT
MINIMUM INSTR RANGE: 0
MAXIMUM INSTR RANGE: 100
ZERO POINT REFERENCE: N/A
REFERENCE POINT NOTES: N/A
PROC OR SENS: P
NUMBER OF SENSORS: 3
HOW PROCESSED: AVG OF A0332, A0333 & A0334
SENSOR LOCATIONS: TAPS @ TOP AND BOTTOM OF THE PRESSURIZER
ALARM/TRIP SETPOINT: REACTOR TRIP AT 92%
NI DETECT CUT-OFF PWR: N/A
NI DETECT TURN-ON PWR: N/A
INSTRUMENT FAILURE MODE: MULTIPLE
TEMP COMP DP XMITTERS: NO
LEVEL REFERENCE LEG: WET
UNIQUE SYSTEM DESCRIPTION: BANDWIDTH AVG OF 3 PZR LEVEL CHANNELS. EACH INDIVIDUAL VALUE MUST BE WITHIN THE CHANNEL STATISTICAL ALLOWANCE (CSA) OF $\pm 5.0\%$ OF THE AVERAGE. (THE CSA CALCULATION IS PART OF THE SPDS DOCUMENTATION AND BASED ON THE SEABROOK SETPOINT STUDY. TOP OF PZR HEATER = 14%.