

November 22, 1996

Mr. Ted C. Feigenbaum  
Executive Vice President and Chief Nuclear Officer  
North Atlantic Energy Service Corporation  
Post Office Box 300  
Seabrook, New Hampshire 03874

SUBJECT: NRC INTEGRATED INSPECTION REPORT NO. 50-443/96-08 AND  
NOTICE OF VIOLATION

Dear Mr. Feigenbaum:

On September 30, 1996, the NRC completed an inspection at Seabrook Station. The enclosed report presents the results of that inspection.

During the six week period covered by this inspection period, overall, both management and the staff conducted activities with an emphasis on safety. However, the station's planning and execution, as well as, the management oversight of the combustible gas control system maintenance was not completely effective, particularly when difficulties were experienced during the hydrogen analyzer cell calibration. It appears that the involved technicians were not aware of the accuracy limitations of the analyzer system and had established acceptance and stabilization criteria for the cell calibration that could not be achieved. Resolution of these issues essentially consumed the seven-day allowed outage time defined by the associated Technical Specification action statement. The station director's decision to initiate an adverse condition report and perform a root cause analysis, since the activity did not meet his expectations, demonstrated a good self-critical perspective.

During this inspection, certain of your activities appeared to be in violation of NRC regulations. Specifically, the inspectors identified that floor drains located in the emergency feedwater (EFW) pump house had been covered and isolated by tape during the performance of general area and system component painting activities. The isolation of the floor drains adversely impacted area flooding assumptions for rooms that contain safety-related equipment. The floor drains are credited in the equipment qualification program to mitigate the consequences of a moderate energy line break. The controls established to prevent painting activities from impacting safety-related equipment were inadequate. Consequently, covering of the EFW pump house floor drains constituted a change to the facility as described in the Updated Final Safety Analysis Report without the required 10 CFR 50.59 safety evaluation.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. In your response, you should document the specific actions taken and any additional actions you plan to prevent recurrence. Your

9612030081 961122  
PDR ADOCK 05000443  
G PDR

11  
1E:01

response may reference or include previous docketed correspondence, if the correspondence adequately addresses the required response. After reviewing your response to the Notice, including your proposed corrective actions and the results of future inspections, the NRC will determine whether further NRC enforcement action is necessary to ensure compliance with NRC regulatory requirements.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter, its enclosures, and your response will be placed in the NRC Public Document Room (PDR). To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be placed in the PDR without redaction.

The responses directed by this letter and the enclosed Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, Pub. L. No. 96-511. In accordance with 10 CFR 2.790 of the NRC "Rules of Practice," a copy of this letter and its enclosures will be placed in the NRC Public Document Room.

Sincerely,

**Original Signed By:**

John F. Rogge, Chief  
Projects Branch 8

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

Enclosures:           1. Notice of Violation  
                          2. NRC Inspection Report No. 50-443/96-08

cc w/encls:

B. D. Kenyon, President - Nuclear Group  
D. M. Goebel, Vice President - Nuclear Oversight  
F. C. Rothen, Vice President - Work Services  
J. K. Thayer, Vice President - Recovery Officer, Nuclear Engineering & Support Officer  
H. F. Haynes, Director - Nuclear Training  
B. L. Drawbridge, Executive Director - Services & Senior Site Officer  
A. M. Callendrello, Licensing Manager - Seabrook Station  
W. A. DiProfio, Nuclear Unit Director - Seabrook Station  
R. E. Hickok, Nuclear Training Manager - Seabrook Station  
L. M. Cuoco, Senior Nuclear Counsel  
W. D. Meinert, Nuclear Engineer  
D. C. McElhinney, RAC Chairman, FEMA RI, Boston, Mass.  
R. Backus, Esquire, Backus, Meyer and Solomon, New Hampshire  
S. Choi, Director, Nuclear Safety, Massachusetts Emergency  
Management Agency  
F. W. Getman, Jr., Vice President and General Counsel - Great Bay Power  
Corporation

Mr. Ted C. Feigenbaum

3

Commonwealth of Massachusetts, SLO Designee

R. Hallisey, Director, Dept. of Public Health, Commonwealth of Massachusetts

Seacoast Anti-Pollution League

State of New Hampshire, SLO

D. Tefft, Administrator, Bureau of Radiological Health, State of New Hampshire

S. Comley, Executive Director, We the People of the United States

Distribution w/encls:

Region I Docket Room (with concurrences)

PUBLIC

NRC Resident Inspector

Nuclear Safety Information Center (NSIC)

D. Screnci, PAO

J. Rogge, DRP

E. Conner, DRP

C. O'Daniell, DRP

Distribution w/encls (VIA E-MAIL):

W. Dean, OEDO

P. McKee, PD I-3, NRR

A. DeAgazio, PD I-3, NRR

R. Correia, NRR (RPC)

R. Frahm, Jr., NRR (RKF)

D. Screnci, PAO, ORA

Inspection Program Branch, NRR (IPAS)

DOCUMENT NAME: G:\BRANCH8\9608.SEA

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure

"N" = No copy

OFFICE	RI/DRP	RI/DRP				
NAME	JMacDonald <i>[Signature]</i>	JRogge <i>[Signature]</i>				
DATE	1/2/96	1/2/96				

OFFICIAL RECORD COPY