



**North
Atlantic**

North Atlantic Energy Service Corporation
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The Northeast Utilities System

October 19, 1998

LIC-98493

AR #98018191

Mr. Scott Sandorf
National Marine Fisheries Service
Northeast Region
One Blackburn Drive
Gloucester, MA 02173

Seabrook Station
Seal Entrapments—October 5, 8 and 10, 1998

North Atlantic Energy Service Corporation (North Atlantic) hereby reports the entrapment of three seals at Seabrook Station. Two of the three seals were observed in Seabrook Station's Circulating Water System Pump House Forebay and the third was removed from Circulating Water System screen wash debris. North Atlantic notified the National Marine Fisheries Service of this entrapment incident by telephone¹. The New England Aquarium was notified to pickup the seal in order to perform necropsies on the seals in the near future.

This report is made in response to the National Marine Fisheries Service letter dated January 5, 1995², recommending that North Atlantic report seal entrapment incidents. The attached seal entrapment incident report is enclosed as requested.

North Atlantic submitted an application for a Small Take Exemption Permit on June 13, 1997³ for the incidental taking of seals pursuant to Section 101(a)(5)(A) of the Marine Mammal Protection Act and in accordance with 50 CFR 216.104.

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- ¹ Notification of Seal Entrapment Incident, Telephone Notification by J. Hart (North Atlantic) to S. Sandorf (NMFS) on September 21, 1998.
- ² National Marine Fisheries Service letter dated January 5, 1995, Mr. Chris Mantzaris (NMFS) to R. Jeb DeLoach (North Atlantic).
- ³ North Atlantic Letter, LIC-97102, "Small Take Exemption Permit," from T. Feigenbaum (North Atlantic) to R. Schmitt (NMFS).

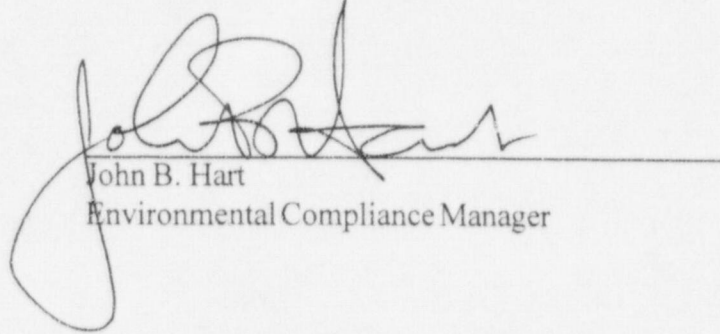
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If you have additional questions, please contact me at (603) 773-7762.

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.



John B. Hart
Environmental Compliance Manager

cc (with Enclosure)

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**SEABROOK STATION
SEAL ENTRAPMENT INCIDENT REPORT
OCTOBER 5, 8 AND 10, 1998**

Site of Entrapments and Date of Initial Observation (Recovery Date):

Seal 1: Circulating Water System Pumphouse Forebay - October 5, 1998 (October 8, 1998)

Seal 2: Circulating Water System Pumphouse Forebay - October 8, 1998 (October 8, 1998)

Seal 3: Circulating Water System Screen Wash Debris - October 10, 1998 (October 10, 1998)

Species Identification: Harbor seals

Description/Condition of Seal:

Seal 1: Young-of-the-year in good condition.

Seal 2: Young-of-the-year in good condition.

Seal 3: Young-of-the-year in good condition.

Reporter: Ron Sher, Senior Scientist

Last Seal Observation: Two young-of-the-year harbor seal were recovered on September 21, 1998. An incident report was submitted to the NMFS⁴.

Recent Fish Impingement:

Seal 1: About 70 fish were impinged in the five days since the previous screen wash including 49 rock gunnel, 6 cunner and 3 pollock.

Seal 2: About 60 fish were impinged in the two screen wash during the previous three days including 35 rock gunnel and 8 cunner.

Seal 3: About 210 fish were impinged in the two days since the previous screen wash including 118 rock gunnel, 41 cunner and 18 sea snail.

Cooling Water Intake Temperature at Approximate Time of Entrapments: 48°F

Plant Power Level at Time of Entrapment: Seabrook Station was operating at 100 percent.

⁴ North Atlantic letter LIC-98477, dated October 5, 1998, "Seal Entrapments—September 21, 1998," J. Hart (North Atlantic) to S. Sandorf (NMFS)