

**North
Atlantic**

North Atlantic Energy Service Corporation
P.O. Box 300
Seabrook, NH 03874
(603) 474-9521

The Northeast Utilities System

October 5, 1998

LIC-98477

AR #98017376

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

Seabrook Station
Seal Entrapments—September 21, 1998

North Atlantic Energy Service Corporation (North Atlantic) hereby reports the entrapment of two seals at Seabrook Station. The seals were observed in Seabrook Station's Circulating Water System Pumphouse and were recovered the same day. North Atlantic notified the National Marine Fisheries Service of this entrapment incident by telephone¹. The New England Aquarium performed necropsies on the seals.

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.

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. Schmitten (NMFS).

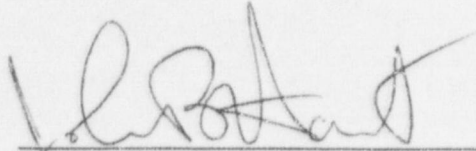
9810140192 981005
PDR ADOCK 05000443
S PDR

IE23

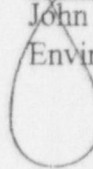
If you have additional questions, please contact me at (603) 773-7762.

Very truly yours,

NORTH ATLANTIC ENERGY SERVICE CORP.



John B. Hart
Environmental Compliance Manager



**SEABROOK STATION
SEAL ENTRAPMENT INCIDENT REPORT
SEPTEMBER 21, 1998**

Site of Entrapments and Date of Identification: Circulating Water System Pumphouse Forebay on September 21, 1998.

Date of Recovery: Seals recovered on September 21, 1998.

Species Identification: Harbor seals

Description/Condition of Seal: Seal 1: Young-of-the-year female, 45 lbs. and 94 cm long. Moderately decomposed. Appears to be in fair body condition. Stomach contained recently ingested fish including otoliths (ear bones) of red hake. Condition consistent with entrapment during feeding.

Seal 2: Robust Juvenile male, 90 lbs. and 124 cm. long. Moderately decomposed. Stomach contained recently ingested fish including 8 intact 6 in. herring.

Reporter: John Hart, Environmental Compliance Manager

Last Seal Observation: A young-of-the-year harbor seal was recovered on September 12, 1998. An incident report was submitted to the NMFS⁴.

Recent Fish Impingement: Seal 1: About 20 fish were impinged during the week prior to estimated date of entrapment, including sea raven, rock gunnel, red hake and pipefish.

Seal 2: About 50 fish were impinged during the week prior to estimated date of entrapment, including pollock, rock gunnel, smelt, cunner and pipefish.

Cooling Water Intake Temperature at Approximate Time of Entrapments: 52°F

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

⁴ North Atlantic letter LIC-98453, dated September 18, 1998, "Seal Entrapment—September 12, 1998," J. Hart (North Atlantic) to S. Sandorf (NMFS)

cc (with Enclosure)

TECHNICAL ADVISORY COMMITTEE:

Mr. Jeffrey Andrews
NH Dept. of Environmental Services
Water Division
6 Hazen Drive
Concord, NH 03302

Mr. Robert Estabrook
NH Dept. of Environmental Services
Water Division
6 Hazen Drive
Concord, NH 03302

Mr. John Nelson
NH Fish and Game Department
225 Main Street
Durham, NH 03824

Mr. Bruce Smith
NH Fish and Game Department
225 Main Street
Durham, NH 03824

Mr. Frederick Gay
New Hampshire State Program Unit
Environmental Protection Agency
John F. Kennedy Building
Boston, MA 02203

Mr. Jack Paar
Environmental Protection Agency
60 Westview Street
Lexington, MA 02173

Mr. Eric Hutchins
National Marine Fisheries Service
Northeast Region
One Blackburn Drive
Gloucester, MA 01930

**U.S. ENVIRONMENTAL PROTECTION
AGENCY:**

Ms. Joy Palmer
NPDES Permit Compliance Section
Environmental Protection Agency
John F. Kennedy Building
Boston, MA 02203

**SEABROOK ECOLOGICAL ADVISORY
COMMITTEE:**

Dr. John Tietjen, Chairman
134 Palisade Avenue
Leonia, NJ 07605

Dr. W. Hunting Howell
12 James Farm
Lee, NH 03824

Dr. Saul Salla
317 Switch Road
Hope Valley, RI 02832

Dr. Bernard J. McAlice
HC61 Box 109
Round Pond, ME 04564

Dr. Robert Wilce
Department of Biology
221 Morrill Science Center
University of Massachusetts
Amherst, MA 01003

NORMANDEAU ASSOCIATES

Ms. Marcia Bowen
Normandeau Associates, Inc.
82 Main Street
Yarmouth, ME 04096

Mr. Paul Geoghegan
Normandeau Associates, Inc.
25 Nashua Road
Bedford, NH 03110

NEW ENGLAND AQUARIUM

Mr. Greg Early
New England Aquarium Resource and
Rehabilitation
Central Wharf
Boston, MA 02910

**U.S. NUCLEAR REGULATORY
COMMISSION**

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555-0001

Mr. J. T. Harrison
Senior Project Manager
Division of Reactor Projects
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Mr. H. J. Miller
Regional Administrator, Region 1
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

NRC Senior Resident Inspector
NAESCO
PO Box 300
Seabrook, NH 03874