



**Northeast
Utilities System**

Admin # 227

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Northeast Utilities Service Company
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NOV 06 1997

November 4, 1997

Ronald G. Chevalier
Vice President - Fossil/Hydro Engineering
and Operations

D11684

Mr. William C. Ingham, Jr.
New Hampshire Department of Fish and Game
2 Hazen Drive
Concord, NH 03301

Mr. Joseph F. McKeon
U.S. Fish and Wildlife Service
Federal Building, Room 124
Laconia, NH 03246

Ms. Joy Palmer
NPDES Program Operations Section (WCP-2109)
U.S. Environmental Protection Agency
P.O. Box 8127
Boston, MA 02114

Mr. Kendall Perkins
New Hampshire Department of Environmental Services
Water Division
Permits and Compliance Section
64 North Main Street
Concord, NH 03301

Dear Sir/Madam:

**Merrimack Station
Extraordinary Impingement Event: October 30, 1997**

In compliance with Part I, Section A, 10.b.2, of Merrimack Station's NPDES permit (Permit No. NH0001465), Public Service Company of New Hampshire (PSNH) herein submits this report of an extraordinary impingement event (EIE). Verbal notification was given to the New Hampshire Fish and Game Department (NHF&GD), U.S. Fish and Wildlife Service (USF&WS), New Hampshire Department of Environmental Services (NHDES), and the U.S. Environmental Protection Agency (USEPA) Thursday afternoon, October 30, 1997.

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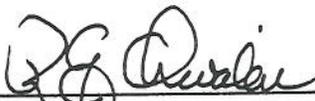
As required in the permit, PSNH reports in writing to the NHDF&G, USF&WS, NHDES, and the USEPA any EIEs at Merrimack Station.

On Thursday, October 30, 1997 at 2:30 a.m., one hundred and forty seven (147) river herring became impinged on Unit 2's circulating cooling water intake screens. All 147 fish were collected and preserved for further analysis by the USF&WS. The river herring ranged in length from 6.0 cm to 25.5 cm.

PSNH continues to believe these impingement events are due to the increased number of fish observed in the river this year.

If you have any questions, please call Curt Mooney at (603)634-2383.

Very truly yours,
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE



R. G. Chevalier

cc:

Mr. Jonathan C. Greenwood
New Hampshire Department of Fish and Game
2 Hazen Drive
Concord, NH 03301