1 elden Street, Berlin, CT 06037

Northeast Utilities Service Company P.O. Box 270 Hartford, CT 06141-0270 (860) 665-5315 Fax (860) 665-6263

Vice President - Fossil/Hydro Engineering

William J. Nadeau

and Operations

September 4, 1998

D13240

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

Mr. Joseph F. McKeon U. S. Fish and Wildlife Service Federal Building, Room 124 719 Main Street Laconia, NH 03246

Ms. Joy Palmer
NPDES Program Operations Section (WCP-2109)
U.S. Environmental Protection Agency
JFK Federal Building
Boston, MA 02114

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

Dear Sir/Madam:

Merrimack Station

Report of Extraordinary Impingement Event on September 3, 1998

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, September 3, 1998.

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As required in the permit, PSNH herein reports in writing to the NHF&GD, USF&WS, NHDES, and the USEPA an EIE which occurred at Merrimack Station on September 3, 1998.

On Thursday, September 3, 1998 at 7:30 a.m., two hundred and seventy four (274) juvenile river herring became impinged on Unit 2's circulating cooling water intake screens. Twenty river herring were preserved for further analysis by the USF&WS. The river herring ranged in length from 6.0 cm to 9.0 cm.

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

PUBLIC SERVICE OF NEW HAMPSHIRE

23.22

cc: Mr. Jonathan C. Greenwood

New Hampshire Fish and Game Department

2 Hazen Drive

Concord, NH 03301