

Northeast
Utilities System

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Northeast Utilities Service Company
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September 26, 1996

D10154

Dennis E. Welch
Director - Occupational, Safety, Health and
Environmental Services

Mr. Sidney J. Holbrook, Commissioner
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-5127

- References:
1. NPDES Permit No. CT0003263, Northeast Nuclear Energy Company, Millstone Nuclear Power Station, Units 1, 2, and 3.
 2. Letter (D06112), C. F. Sears to T. Keeney, dated January 27, 1993.
 3. Letter (C05513), E. C. Parker to D. Miller, dated January 14, 1994.

Dear Commissioner Holbrook:

Millstone Nuclear Power Station
Reduction in Winter Flounder Larval Entrainment at
Millstone Units 1, 2, and 3 as a Result of Refueling Outages

In accordance with Paragraph 8 of NPDES Permit No. CT0003263, Reference 1, Northeast Utilities Service Company (NUSCO), on behalf of Northeast Nuclear Energy Company (NNECO), submitted to the Connecticut Department of Environmental Protection (DEP) the report entitled "Feasibility Study of Cooling Water System Alternatives to Reduce Winter Flounder Larval Entrainment at Millstone Units 1, 2, and 3" (Reference 2). This report satisfied the NPDES condition and was approved by DEP (Reference 3). However, DEP further required, in Reference 3, that NNECO continue efforts to schedule refueling outages at Millstone Nuclear Power Station (MNPS) to coincide with the period of high larval winter flounder entrainment, which typically occurs from April 1 through June 15. Furthermore, DEP required that within 60 days following the completion of a refueling outage, NNECO shall submit a report to the Commissioner identifying important factors that contributed to the scheduling of the outage at a unit and its timing relative to winter flounder larval abundance at the intakes.

MNPS Unit 1 began a refueling outage on November 4, 1995 and was scheduled to go back into service during January 1996. Unit 2 was shut down this year on February 20 to address issues associated with valves in a safety system. Similarly, Unit 3 was shut down on March 30 to modify a set of containment isolation valves. All outages have been extended and the units remained shut down throughout the larval winter flounder season during 1996. Accordingly, NUSCO, on behalf of NNECO, hereby submits a report (Enclosure 1) regarding the effect of these outages on reducing larval winter flounder entrainment.

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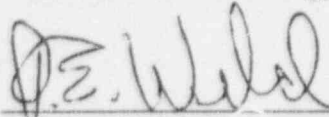
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Should you have any questions, please call Mr. Paul Jacobson, NUSCO Environmental Services,
at (860) 665-3617.

Very truly yours,

NORTHEAST UTILITIES SERVICE COMPANY for
Northeast Nuclear Energy Company

A handwritten signature in dark ink, appearing to read "D.E. Welch", is written over a horizontal line.

Dennis E. Welch

Enclosure

cc: See Page 3

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