

NOTED JUL 11 1983 W.A.H

Admin # 179

57

The State of New Hampshire

COMMISSIONERS

- J. WILLCOX BROWN, Chairman
- BRUCE A. HOMER, P.E., Vice Chairman
- CHARLES E. BARRY
- JOHN C. COLLINS, P.E.
- DELBERT F. DOWNING
- RUSSELL DUMAIS
- HERBERT A. FINCHER
- RICHARD M. FLYNN
- ROBERT B. MONIER
- JAMES J. PAGE
- WAYNE L. PATENAUDE
- RONALD F. POLTAK
- WILLIAM T. WALLACE, M.D., M.P.H.



STAFF

- WILLIAM A. HEALY, P.E.
Executive Director
- DANIEL COLLINS, P.E.
Deputy Executive Director and
Chief Engineer

Water Supply and Pollution Control Commission
 Hazen Drive — P.O. Box 95
 Concord, N.H. 03301

July 7, 1983

Mr. Warren A. Harvey, Vice President
 Public Service Company of New Hampshire
 1000 Elm Street
 Manchester, New Hampshire 03105

Subject: Merrimack Generating Station
 NPDES Permit No. NH0001465

Dear Mr. Harvey:

This will acknowledge receipt of the report entitled "Predictive Model and User Guide for Spring and Fall Optimization of Power Spray Module Operation at Merrimack Generating Station" submitted by the company under letter dated May 26, 1983.

Based on a review of the report by staff members from both this Commission and the Fish and Game Department, it is believed the company has demonstrated that compliance with the thermal elements of the NPDES permit can be achieved through the predictive model and user guide. Therefore, implementation of the recommendations contained in the report relative to power spray module operation is approved provided that the thermal effluent limitations specified in the NPDES permit are met and, that adequate model and user guide verification work is performed at Station S-4.

If we can be of further assistance, please feel free to call on us.

Sincerely,

Russell A. Nylander
 Russell A. Nylander, P.E.
 Assistant Chief Engineer
 Administrator

RAN/cd

cc: Charles F. Thoits, III, F&G Dept.
 Wayne E. Nelson, PSNH