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DEPARTMENT OF ENVIRONMENTAL SERVICES
WATER SUPPLY & POLLUTION CONTROL DIVISION

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April 25, 1991

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James Kearns
PSNH
1000 Elm St., PO Box 330
Manchester, NH 03105

Re: Water Quality Certificate (pursuant to Section 401 of the Clean Water Act): FERC Project #2288. Gorham Hydroelectric Project, Gorham, N.H.

Dear Mr. Kearns:

The Division has determined that under the conditions outlined in this certificate, FERC Project #2288 will comply with the applicable provisions of Section 301, 302, 303, 306, and 307 of the Clean Water Act as amended.

The following conditions are placed on this section 401 Water Quality Certificate:

- 1) The following water quality monitoring program must be enacted no later than 1994 and shall continue for three (3) consecutive years. It will be determined at the end of the third sampling period whether continued monitoring will be necessary.
 - (a) Dissolved oxygen and water temperature must be monitored at two locations in the Androscoggin River, upstream of the Gorham impoundment and downstream of the dam, as specified by DES-WSPCD.
 - (b) Continuous monitoring must occur once each month for 72 hours during the following periods: late June - early July, late July - early August, late August - early September.
 - (c) Equipment calibration and quality control measures must be followed to assure accurate reporting.
 - (d) Monitoring events will be conducted under limiting water quality conditions (ie. river flow below 2100 cfs and water temperatures of 20°C or greater)
 - (e) Water quality monitoring and QA/QC results must be reported on an annual basis and a summary report for the three years must be submitted to DES-WSPCD.

If operational modifications other than setting minimum flow releases are made at the Gorham Project, this Section 401 certificate shall be void, and a new Section 401 certificate must be applied for.

This office reserves the right to gain access to the Gorham Hydroelectric site at any time to check monitoring equipment and records to assure compliance with the State's water quality standards.

Finally, all existing river uses must be maintained and protected, and at no time shall Class B water quality standards be violated.

Sincerely,



Richard A. Flanders, Jr., Supervisor
Water Quality Section

RBJ/RAF/tmk:7588D

cc: Delbert Downing - NHWB

Raymond Carter, P.E., Water Quality, Permits & Compliance

George Berlandi, P.E., Water Quality, Permits & Compliance

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