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FEDERAL ENERGY
REGULATORY COMMISSION

CONSOLIDATED WATER POWER COMPANY

GENERAL OFFICES
P. O. BOX 8050, WISCONSIN RAPIDS, WI 54495-8050

November 25, 1997

J

Ms. Lois D. Cashell, Secretary
Federal Energy Regulatory Commission
888 1st Street, N.E.
Washington, D.C. 20426

Submittal of Water Quality Monitoring Plan, Article 406 - Little Quinnesec Falls Hydroelectric Project - FERC No. 2536 -021

Dear Secretary Cashell:

In accordance with the new license issued to us on May 7, 1997, Consolidated Water Power Company (CWPCo.) is submitting an original and seven copies of the Water Quality Monitoring Plan, Article 406, for review and approval. This plan is the result of verbal consultation between ourselves and the agencies on October 22, 1997 at the Project site. Evidence of the consultation is enclosed as Attachment 1.

CWPCo. included many of the comments from the agencies into the existing plan except the following two:

- MDNR suggested continuous monitoring for D.O. at the Big Quinnesec Project in addition to the Little Quinnesec Project.

CWPCo. does not feel this is an appropriate request since Consolidated Papers, Inc. does not own the Big Quinnesec Project and can not control their operations. We feel this data would be more appropriate if supplied by WEPCo., owner of the Big Quinnesec Project. Instead, CWPCo. has recommended that if a low D.O. event occurs, a water column profile for D.O. will be taken immediately upstream from the Little Quinnesec Dam to determine the quality of water coming through our Project. This information, along with notification of the low D.O. event will be transmitted to the agencies for review.

- Reservoir profiles were requested once per week in June, July and August.

In light of the fact that no existing factual data exists indicating a water quality problem, CWPCo. feels this is not necessary and overly burdensome. Profiles, as indicated in the plan, would be taken upstream of the dam if a low D.O. event occurs.

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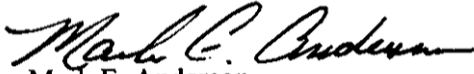
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Questions or comments on the plan should be directed to Mr. Dave Schmutzler at our Niagara Division of Consolidated Papers, Inc. His phone number is (715) 251-8253.

Sincerely,

CONSOLIDATED WATER POWER COMPANY



Mark E. Anderson
Resources Coordinator

Enclosure: 1

Route: K.K. Knapp - R.L. Hilliker - M.E. Anderson

Route: R.L. Wheeler - W.R. Roberts - C.A. Paulson - D.W. Schmutzler

CC:

Mr. James Fossum, US Fish & Wildlife Service, 1015 Challenger Court, Green Bay, WI 54311

Ms. Angie Tornes, National Park Service, 310 W. Wisconsin, Room 500, Milwaukee, WI 53203

Mr. Tom Thuemler, Wisconsin Department of Natural Resources, Peshtigo Service Center, 101 N. Ogden Road, P.O. Box 127, Peshtigo, WI 54157

Mr. Gary Whelan, Michigan Department of Natural Resources, Stevens T. Mason Building, P.O. Box 30446, Lansing, MI 48909

Mr. John Suppnick, Michigan Department of Environmental Quality, 300 S. Washington, 2nd Floor - Knapp Center, Lansing, MI 48933

Mr. Brad Jackson, Foley & Lardner, Verex Plaza, 150 East Gilman Street, Madison, WI 53703-1441

Mr. Ronald A. Lesniak, Director, Federal Energy Regulatory Commission - Chicago Regional Office, 230 South Dearborn Street, Room 3130, Chicago, IL 60604

1. PURPOSE.

To ensure that releases from the Little Quinnesec Falls Project, FERC No. 2536, maintains State water quality standards immediately below the Project except when river flow in the Menominee River is < 95% exceedance flow or when natural conditions prohibit attainment of those standards. As indicated in the new license issued May 7, 1997 these are:

Temperature	< 89°F
Dissolved Oxygen	> 5.0 mg/L
pH	6.0 - 9.0

2. SCOPE.

A monitoring station will be established no later than July 1, 1998 at the Little Quinnesec Project tailrace, upstream of the Consolidated Papers, Inc. - Niagara Division wastewater treatment discharge point. Continuous monitoring equipment will record on an hourly basis; temperature, dissolved oxygen and pH.

Monitoring will occur during the months of May through September for two years (1998 & 1999). This schedule was determined because during consultation with the agencies, no factual data existed to show that a water quality problem exists at the Project. Therefore, if, after two years data suggests that a water quality problem (primarily D.O.) does not exist, CWPCo., in consultation with the agencies, would pursue modification or elimination of this article from the license.

3. LOW D.O. EVENTS.

If, during our continuous monitoring, a low D.O. event is recorded, one-meter intervals will be taken throughout the water column in a deep part of the impoundment immediately upstream from the Project. This measure is to determine if water entering the Project is contributing to the event. The state and federal agencies will be notified by telephone that an event has occurred within two working days. Included will be the results of any profile sampling or other circumstances which might indicate the cause of the event.

4. QUALITY ASSURANCE PROGRAM.

Continuous monitoring equipment will be calibrated periodically during the monitoring period using appropriate methodology noted in "Standard Methods for the Examination of Water and Wastewater", 18th Edition.

Temperature	Method 2550 B
Dissolved Oxygen	Method 4500-0 C
pH	Method 4500 - H+

5. REPORTING.

Data from the continuous monitoring will be electronically recorded and stored at Niagara Division of Consolidated Papers, Inc. Data summary sheets will be submitted to the USFWS, WDNR, MDNR and MDEQ electronically (e-mail with cover sheet) by July 30 and October 30 of each year.

As noted in section three above, the agencies will be telephonically notified of low D.O. events within two working days from the date of the occurrence.

6. CONSULTATION WITH AGENCIES. (See Attachment 1)

CWPCo. and Niagara personnel met with the USFWS, WDNR, MDNR and a representative of the Wisconsin Rivers Alliance on October 22, 1997 to discuss a number of license related articles. Included in that discussion were specifics as they related to Article 406 and items relating to the requirements in the license. During the discussion, it was noted that no factual data currently exists indicating a water quality problem at the Little Quinnesec Falls Project. While instances were noted elsewhere in the river system, none have been recorded at this site. Therefore, it was agreed upon by the agencies that the above parameters would be measured for two years during the specified months to determine if a problem did exist. Based upon the data received, and after consultation with the agencies, CWPCo. may propose to modify or eliminate this monitoring requirement if no impacts are being caused by Project operations.

FILE COPY**CONSOLIDATED WATER POWER COMPANY**GENERAL OFFICES
P. O. BOX 8050, WISCONSIN RAPIDS, WI 54495-8050

October 10, 1997

Mr. Jim Fossum
U.S. Fish & Wildlife Service
1015 Challenger Court
Green Bay, WI 54311

Ms. Angie Tornes
National Park Service
310 W. Wisconsin, Room 500
Milwaukee WI 53203

Mr. Tom Thuemler
Wisconsin Department of Natural Resources
P.O. Box 127
101 N. Ogden
Peshtigo, WI 54157

Mr. Gary Whelan
Michigan Department of Natural Resources
P.O. Box 30446
Lansing, MI 48909-7946

Notice of Licensing Meeting - Little Quinnesec Project (FERC No. 2536)

A meeting is scheduled for Wednesday, October 22, 1997 at the Niagara Division of Consolidated Papers, Inc. to discuss issues surrounding some of the license articles of the recently issued hydroelectric license. The meeting will commence at 1:30 p.m.. Bill Roberts of Niagara will arrange to have you met at the front gate house and escorted to the conference room.

For planning purposes, we anticipate the meeting to last approximately 2-3 hours. The following agenda items will be toured and/or discussed.

1. New proposed Canoe Portage Trail (Site Tour)
2. Downstream Launch / Bank Fishing Area (Site Tour)
3. Niagara Recreation Plan, Article - Response to Agency Comments
4. Niagara Proposed Buffer Zones
5. Delivery of Miscellaneous Draft Plans for Agency Review

Notice of Licensing Meeting - Little Quinnesec Project (FERC No. 2536)

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We appreciate the assistance we received over the telephone while trying to schedule a date and time that is available for most of the participants. If you have any questions or can not make the meeting, feel free to contact me at (715) 422-3927 or Bill Roberts at (715)251-8278.

Sincerely,

CONSOLIDATED WATER POWER COMPANY



Mark E. Anderson
Resources Coordinator

cc: R.L. Wangen - K.K. Knapp - R.L. Hilliker - R.L. Wheeler - C.A. Paulson - R.W. Chapman -
P. Penkivech - W.R. Roberts - D.W. Schmutzler - ~~File~~

Mr. Brad Jackson, Esq., Foley & Lardner, Verex Plaza, 150 E. Gilman Street, Madison, WI
53703

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Little Quinnebec Falls Project

Recreation Consultation Meeting - October 22, 1997

Meeting Agenda

1. Tour of Proposed New Canoe Portage Trail
2. Tour of Riverside Park Area
3. Tour of Downstream Fishing Access Site
4. Review of Recreation Plan and Agency Comments
 - a. Canoe Portage Concerns
 - b. Riverside Park
 - c. Fire Dock
 - d. Downstream Fishing Access Site
5. Tentative Schedules for Approval of Plans and Completion of Improvements
6. Hand-out and Review of Various License Article Plans / Timetable for Review - Submittal



Memorandum