

**FEDERAL ENERGY REGULATORY COMMISSION
Washington, D. C. 20426**

OFFICE OF ENERGY PROJECTS

**Project No. 10854-006--Michigan
Cataract Hydroelectric Project
Upper Peninsula Power Company**

**Mr. Terry P. Jensky
Wisconsin Public Service Corporation
P.O. Box 19001
Green Bay, WI 54307-9001**

April 12, 2010

Subject: 2009 Water Quality Monitoring Report.

Dear Mr. Jensky:

This letter acknowledges your 2009 Water Quality Monitoring Report, filed November 17, 2009, pursuant to license Article 404, and the Commission's Order Approving Water Quality Monitoring Plan.¹ Your approved plan requires you to monitor water quality, May through September, once every 5 years for the duration of the license. You are required to conduct hourly monitoring of temperature and dissolved oxygen (DO) upstream and downstream of the project over a 24-hour period once per month during the sampling period, and take profile measurements of temperature and DO in the reservoir near the dam once per month during the sampling period.

Your report includes the results of hourly DO and temperature monitoring during a 24-hour period for the months of May through September. Monitoring was conducted upstream of the Cataract Basin where Highway M35 crosses the Escanaba River and downstream of the confluence of the Cataract powerhouse tailrace and the natural river channel. Your report also includes the results of DO and temperature profiles conducted at the dam.

On September 28, 2009, you provided a copy of your report to the Michigan Department of Natural Resources and U.S. Fish and Wildlife Service. No agency comments were received in response.

¹ 84 FERC ¶ 62, 238 (1998).

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Your 2009 report fulfills your reporting requirement pursuant to Article 404. Your next monitoring report, for the 2014 monitoring season, will be due by December 31, 2014. Thank you for your cooperation. If you have any questions regarding this letter, please contact me at (202) 502-8171.

Sincerely,

A handwritten signature in cursive script that reads "Andrea Claros".

Andrea Claros
Ecologist
Division of Hydropower Administration
and Compliance