



1414 West Hamilton Avenue
P.O. Box 8
Eau Claire, WI 54702-0008

October 24, 2013

Ms. Cheryl Laatsch – Statewide FERC Coordinator
WI Dept. of Natural Resources
N7725 Hwy 28
Horicon, WI 53032

**Subject: 2013 Water Quality Monitoring Report for Big Falls Flowage (P-2390-01),
Thornapple Flowage (P-2475) and Turtle-Flambeau Flowage (P-2390-02).**

Dear Ms. Laatsch:

Enclosed are the results of the water quality sampling for Big Falls and Thornapple flowages that Northern States Power Company – Wisconsin (NSPW) conducted during the 2013 field season. The samples were taken after ice-out and in late July and August. The samples were acquired from the deepest point of the reservoirs immediately upstream from the boat restraining barriers. The results are summarized for the past nine years and while there appears to be some variability in the parameters analyzed, for the most part, the results have been relatively consistent.

Annual water quality monitoring for the Turtle Flambeau Flowage is conducted by the Citizens Lake Monitoring Program and the results are published on the WDNR's website. The link is <http://dnr.wi.gov/lakes/clmn/Stations.aspx?location=26>. Should citizen monitoring be discontinued in the future, NSPW shall provide replacement services.

Please provide me with any comments that you might have by December 6, 2013. Should you have any questions concerning this report, you may contact me by telephone at (715) 737-1353 or by electronic mail at matthew.j.miller@xcelenergy.com.

Sincerely,

Matthew J. Miller
Hydro Licensing Specialist

Enclosure: 2013 Water Quality Monitoring Report

c: Nick Utrup – USFWS
Project Files