

FEDERAL ENERGY REGULATORY COMMISSION
Washington, D. C. 20426

OFFICE OF ENERGY PROJECTS

Project No. 2785-015--Michigan
Sanford Project

Project No. 10808-005--Michigan
Edenville Project

Project No. 10809-004--Michigan
Secord Project

Project No. 10810-006--Michigan
Smallwood Project
Boyce Hydro Power, LLC

May 24, 2018

Lee W. Mueller, Co-Member Manager
Boyce Hydro Power, LLC
10120 W. Flamingo Road, Suite 4192
Las Vegas, NV 89147

Subject: Water Quality Monitoring Requirements--Article 402 or 407

Dear Mr. Mueller:

This letter is to remind you of the water quality monitoring schedule required by the Order Modifying and Approving Water Quality Monitoring Plans (Water Quality Monitoring Plan),¹ Article 407 of the amended Sanford Project license (FERC No. 2785),² and Article 402 of the Secord (FERC No. 10809),³ Smallwood (FERC No.

¹ 87 FERC ¶ 62,365 (issued June 29, 1999).

² Order on Rehearing and Amending License Order (61 FERC ¶ 61,066), issued October 16, 1998.

³ Order Issuing Minor License (85 FERC ¶ 61,064), issued October 16, 1998.

10810),⁴ and Edenville (FERC No. 10808)⁵ project licenses.

The objective of the monitoring is to identify when project operations result in water quality deficiencies, determine when to implement corrective measures, and verify whether those corrective measures are effective. The Water Quality Monitoring Plan requires you to annually monitor water temperature and dissolved oxygen (DO) concentrations in the tailrace below each project. Both parameters are to be recorded on an hourly basis, with a year-round monitoring period for water temperature and a June 1 through September 30 monitoring period for DO concentrations.

In 2013,⁶ you proposed to use improved methods and upgraded equipment to help you comply with the water quality requirements, stating that the water quality monitoring instruments would be installed and anchored approximately 200 to 250 feet downstream of each project's tailrace. Additionally, temperature loggers would be located in approximately the same locations as the water quality monitoring instruments, outside of the June through September DO monitoring period in order to provide continuous temperature data collection. In 2017, you completed connection of the water quality instruments to the SCADA system in order to allow you to monitor compliance with the DO requirements and respond to deviations in real-time. In a letter dated December 27, 2017, you indicated that you resolved the internet access and reliability issues which occurred in 2017 and that you do not anticipate interruptions of the magnitude encountered when utilizing satellite internet service.

We expect that you will have the water quality monitoring equipment, data loggers, and SCADA system tested and ready for operation for the start of DO monitoring on June 1, 2018, and we expect that you have adhered to the temperature monitoring requirements as outlined in the 1999 Plan and project licenses.

⁴ Order Issuing Minor License (85 FERC ¶ 61,065), issued October 16, 1998.

⁵ Order Issuing Original License (85 FERC ¶ 61,063), issued October 16, 1998.

⁶ Letter filed with the Commission on May 20, 2013.

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Thank you for your cooperation. If you have any questions regarding this matter, please contact me at (202) 502-6833 or holly.frank@ferc.gov.

Sincerely,

Holly Frank
Aquatic Resources Branch
Division of Hydropower Administration
and Compliance

cc: Michelle Mueller
6000 S. M-30
PO Box 15
Edenville, MI 48620

Mr. Kyle Kruger
Senior Fisheries Biologist
Michigan Department of Natural Resources
Mio Field Office
191 S Mt Tom Road
Mio, MI 48647

Mr. Burr Fisher
U.S. Fish and Wildlife Service
East Lansing Field Office
2651 Coolidge Road
East Lansing, MI 48823

Mr. Rollin C. Reineck, Jr.
Affiliated Researchers
864 Aulerich Road
East Tawas, MI 48730

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