

BOYCE HYDRO POWER LLC

A W.D. Boyce Trusts Legacy Enterprise

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June 20, 2016

The Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

RE: 2016 Water Quality Testing
P-2785-015, P-10808-005, P-10809-004, P-10810-006

Dear Secretary:

We are writing in response to two items in your letter of June 8, 2016 concerning details of our Water Quality Testing program.

1. WQ Sensor Location:

All sensors are located near the center of the river (within 25 feet) below the location of the powerhouse and the spillway. The Sanford sensor is about 300 feet downriver from the powerhouse and spillway. Edenville's is about 200 feet, and Smallwood and Secord are about 50 feet.

2. Leakage Flows:

We are in the process of measuring the leakage flow through the powerhouse which runs through the air bubble curtain. We will have these numbers by our next submittal on July 5.

2. Air Bubble curtain:

The piping that provides the air bubble curtain is fastened to the turbine tailrace slab at or near the edge of the powerhouse building. At Edenville it is at the building edge and at Smallwood it is downstream 6 to 8 feet from the building edge.

We are downloading data from the sensors twice a week. We will have more information available to you at the end of the month.

Sincerely,
Boyce Hydro Power, LLC



Frank O. Christie, P.E.
General Manager

cc: Lee W. Mueller, Co-Member Manager
Stephen B. Hultberg, Co-Member Manager
Michigan DNR
Michigan DEQ

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