

April 25, 2025

To: Federal Energy Regulatory Commission
888 First Street N.E.
Washington, DC 20426

From: Boyne USA, Inc.
1 Boyne Mountain Road
Boyne Falls, MI 49713

Project No. P-3409 – Boyne USA, Inc. – Boyne River Hydroelectric Project

Re: Impoundment Water Level Deviation 3/26/25

On 3/25/25 a team member observed the impoundment level to be close to the upper limit and adjusted the sluice gate to prevent exceeding the upper limit. On the morning of 3/26/25, a different team member observed the water level of the impoundment to be below the lower limit of the operating range and adjusted the gate to raise the water level of the impoundment. The team member adjusted the gate more than intended and once recognized, the gate was re-adjusted to maximize consistency of the impoundment level within regulatory requirements.

On 3/27/2025, members of FERC & DNR contacted Boyne staff to inquire about a reported low water event downriver on 3/26/2025. Following those calls, Boyne staff immediately checked the impoundment levels and river flow and found all to be in normal range. On 3/27/25 the impoundment level was closer to the upper limit, as observed by a team member, and by approximately 10:30am on 3/28/25 had reduced to 15.8.

Due to failure of the circle chart recording equipment, we do not have an equipment reading of impoundment levels for this period. On 4/8/25 a new digital data logger was installed and began recording impoundment water levels. Automatic notifications were also engaged on the device to notify several resort personnel (via text and email) if the water levels *approach* the high/low limits (16.02/15.20 respectively). In addition, we have sourced a backup device to have on the shelf, to be installed immediately in the event the current unit ever fails.

Furthermore, following the report of low water a member of our leadership team walked the length of the river, from the power dam, down-river past Dam Road to the property line, to look for damage. No damage was noted, and no fish were observed (or reported) to be stranded or killed.

Nathan Zoch (FERC Dam Safety) was notified of these findings via phone the evening of 4/8/25.

To further mitigate potential similar events in the future, we have adjusted procedures and training protocols as follows:

- New digital data logger installed (Onset HOB0 device), plus we sourced a backup unit to have on site
- Reviewed operating parameters/procedures with the engineer of record
- Reviewed/updated operating procedures
- Conducted additional training with those responsible for dam operations
- Installed cameras to remotely view various aspects of the dam infrastructure
 - Pending license approval, we are prepared to install automation which will be key to long-term water level consistency and monitoring.

Please let us know if you have any questions.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'J. Perl', with a stylized flourish at the end.

Jason Perl
General Manager
Boyne Mountain Resort

Document Content(s)

FERC - P-3409 Impoundment Level 3.26.25.pdf.....1