



**Upper Peninsula Power Company**  
1002 Harbor Hills Drive  
Marquette, MI 49855  
[www.UPPCO.com](http://www.UPPCO.com)

January 29, 2016

FERC Project No. 02506  
NATDAM No. MIO0166 & MIO0167

Ms. Kimberly D. Bose, Secretary  
Federal Energy Regulatory Commission  
888 First Street NE  
Washington, DC 20426

Dear Secretary Bose:

Escanaba Hydro Electric Project - Dam #4 (Boney Falls) & Dam #3 Developments  
Article 402 Reservoir Surface Elevation Deviation

In accordance with Article 402 of the License dated July 13, 1995, and the Orders Amending Article 402 dated November 12, 1996, October 1, 1997 and August 16, 2011, for the Escanaba Hydroelectric Project (FERC Project No. 2506), Upper Peninsula Power Company (UPPCO) is required to file a deviation report with the Federal Energy Regulatory Commission (FERC), the Michigan Department of Natural Resources (MDNR) and United States Fish and Wildlife Service (USFWS) when the operation deviates from the conditions of Article 402.

On December 29, 2015, the pond levels at both Boney Falls and Dam #3 exceeded the License limits for headwater elevation, 906.17±0.34 feet USGS Datum, and 665.08±0.34 feet USGS Datum, respectively.

At the Boney Falls Development the License headwater exceedance occurred at 09:10 CST, with the peak elevation of 907.09 feet NGVD occurring at 9:13 CST. The Boney Falls headwater elevation returned below the License limit of 906.17±0.34 feet USGS Datum at 11:41 CST. The Dam #3 headwater level exceedance occurred at 16:02 CST with a peak of 666.76 feet USGS Datum at 16:11 CST. The Dam #3 headwater elevation returned to below the License limit of 665.08±0.34 feet USGS Datum at 16:57 CST.

The License headwater limit exceedances at Boney Falls and Dam#3 were caused by the release of upstream ice jams on the Escanaba River. This event has happened in the past, and was primarily caused by a heavy snow fall, followed by low temperatures. In each instance, Operators were called to Boney Falls and Dam #3, to manage the outflows of both Developments. There were no adverse environmental impacts observed as a result of these headwater deviations. Additionally, UPPCO did not receive any agency comment on the deviations.

Ms. Kimberly D. Bose  
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If you have any questions regarding this letter, please do not hesitate to contact Bob Meyers at (906) 485-2419, or Jarrod Nelson at (906) 232-1433.

Sincerely,



Virgil Schlorke  
Director of Generation & Environmental Services  
Upper Peninsula Power Company

Enc. Operational data

RJM/wmp

cc:	Ms. Koren Carpenter, MDEQ	Mr. Kyle Kruger, MDNR
	Mr. Kenneth Carruthers, UPPCO	Mr. Robert Meyers, UPPCO
	Mr. Burr Fisher, USFWS	Mr. Keith Moyle, UPPCO
	Mr. Gary Kohlhepp, MDEQ	Mr. Jarrod Nelson, UPPCO
	Ms. Diana Klemans, MDEQ	Mr. David Tripp, UPPCO

# FERC Project No. 2506

Point Info - UPPCO-BNYH: Headwater Elevation

**Boney Falls  
Headwater**



# FERC Project No 2506

Point Info - UPPCO-EHD3: Headwater Elevation

**DAM #3  
HEAD WATER**



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