



June 30, 2015

VIA ELECTRONIC FILING

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

Re: Posting of Second Quarter 2015 Study Reports, Turners Falls Hydroelectric Project (FERC No. 1889) and Northfield Mountain Pumped Storage Project (FERC No. 2485)

Dear Secretary Bose:

FirstLight Hydro Generating Company (FirstLight) is currently in the process of relicensing its Turners Falls Hydroelectric Project (FERC No. 1889) and Northfield Mountain Pumped Storage Project (FERC No. 2485) with the Federal Energy Regulatory Commission (FERC). On October 15, 2014, FirstLight filed its 2014 Initial Study Meeting Summary along with numerous attachments. Attachment B included FirstLight's estimated schedule for completing study reports, which included the following reports which were estimated to be completed in the second quarter of 2015:

- Study No. 3.3.8 Computational Fluid Dynamics (CFD) Modeling in the Vicinity of the Fishway Entrances and Powerhouse Forebays
- Study No. 3.3.9 Two Dimensional Modeling of the Northfield Mountain Pumped Storage Project Intake/Tailrace Channel and Connecticut River Upstream and Downstream of the Intake/Tailrace
- Study 3.3.14 Aquatic Habitat Mapping of the Turners Falls Impoundment
- Study 3.4.1 Baseline Study of Terrestrial Wildlife and Botanical Resources
- Study 3.4.2 Effects of Northfield Mountain Project-related Land Management Practices and Recreation Use on Terrestrial Habitats
- Study 3.5.1 Baseline Inventory of Wetland, Riparian, and Littoral Habitat in the Turners Falls Impoundment and Assessment of Operation Impacts on Sensitive Species
- Study 3.6.7 Recreation Study at Northfield Mountain, including Assessment of Sufficiency of Trails for Shared Use

Study Nos. 3.3.8 and 3.3.9 are hydraulic models with an emphasis on understanding how Project operations impact hydraulics (primarily velocity) at key locations—Northfield Mountain tailrace/Intake (2D model), Spillway and Cabot Fish Ladder entrances (CFD models) and Powerhouse intakes (CFD models). These studies are primarily aimed at understanding how Project operations may affect migratory fish. However, understanding the hydraulics is only part of the assessment. The following other 2015 studies are focused on evaluating migratory fish behavior:

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- Study No. 3.3.2 Evaluate Upstream and Downstream Passage of Adult Shad
- Study No. 3.3.3 Evaluate Downstream Passage of Juvenile Shad
- Study No. 3.3.4 Evaluate Upstream Passage of American Eel at Turners Falls
- Study No. 3.3.5 Evaluate Downstream Passage of American Eel
- Study No. 3.3.7 Fish Entrainment and Turbine Passage Mortality Study
- Study No. 3.3.15 Assessment of Adult Sea Lamprey Spawning within the Turners Falls Project and Northfield Mountain Project Area

Given that the evaluations included in the above ongoing studies are necessary for the assessments required in Study Nos. 3.3.8 and 3.3.9, these studies are not yet complete. FirstLight will upload the reports for Study Nos. 3.3.8 and 3.3.9 when complete.

Study No. 3.5.1 is ongoing. A component of this report is documenting rare plant species and it was learned during the growing season last year that there were a significant number of plants in a particular location that could not be adequately documented, requiring more time. Additional field work is being conducted this year.

The report for Study No. 3.4.1 is still in progress and will be uploaded to the website when complete.

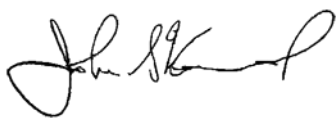
Note that in the March 31, 2015 posting to the website, Study No. 3.3.17 Assess the Impact of Project Operations of the Turners Falls Project and Northfield Mountain Project on Tributary and Backwater Area Access and Habitat was not included. That report is being posted on the website at this time.

In summary the following reports are being posted to the FirstLight website (<http://www.northfieldrelicensing.com/Pages/default.aspx>): Study Nos. 3.3.14, 3.3.17, 3.4.2 and 3.6.7.

FirstLight will file many of the other study reports (or status updates on studies not yet complete) into the FERC record for the Turners Falls Hydroelectric Project and Northfield Mountain Pumped Storage Project on September 14, 2015 as part of its Updated Study Report, pursuant to FERC's integrated licensing process regulations, and the FERC process plan and schedule for the relicensing issued December 21, 2012.

If you have any questions, or need additional information, please feel free to contact me.

Sincerely,



John Howard