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Douglas Bennett
Director MA Hydro Operations
Northfield Mountain/Turners Falls Projects

April 19, 2019

VIA ELECTRONIC FILING

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

Re: FirstLight Hydro Generating Company, Turners Falls Hydroelectric Project (FERC No. 1889) and Northfield Mountain Pumped Storage Project (FERC No. 2485).

- Addendum 6 for Study No. 3.3.1

Dear Secretary Bose:

FirstLight Hydro Generating Company (FirstLight) owns and operates the Turners Falls Hydroelectric Project and Northfield Mountain Pumped Storage Project. FirstLight is in the process of relicensing the facilities with the Federal Energy Regulatory Commission (FERC).

On January 22, 2019, FERC issued its Determination on Requests for Study Modification and New Study. In its Determination, FERC required FirstLight to expand its mussel assessment to include Project effects on yellow lampmussel¹ in Reach 4 and file the results by April 22, 2019. In addition to the assessment of yellow lampmussel, FirstLight is filing as part of the same Addendum 6, its dual flow analysis of the new Sea Lamprey habitat suitability index (HSI) curves in Reach 4.

If you have any questions regarding the enclosed material, please call me at the number above.

Sincerely,

A handwritten signature in blue ink that reads "Douglas P. Bennett". The signature is fluid and cursive, with a long horizontal stroke at the end.

Douglas Bennett
Director of MA Hydro Operations

¹ Per FERC's Determination- FirstLight should evaluate the 4-variable (depth, substrate, benthic velocity, and shear stress) WUA versus flow relationship, conduct dual flow analysis using the 4-variable WUA and conduct shear stress mapping for adult and juvenile lampmussel at the range of flows modeled in Reach 4 for other species (1,200 to 37,500 cfs).