



**Public Service
of New Hampshire**

A Northeast Utilities Company

DE 14-195
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July 14, 2014

VIA FIRST CLASS MAIL AND ELECTRONIC MAIL

Debra A. Howland
Executive Director & Secretary
New Hampshire Public Utilities Commission
21 South Fruit Street, Suite #10
Concord, NH 03301

Re: Docket DE 7649-092 Public Service Company of New Hampshire
Modification of License to Construct and Maintain Electric Lines and Static Wires
Over and Across Public Waters: Ammonoosuc River in Littleton, New Hampshire

Dear Ms. Howland:

In accordance with Order No. 10338-5 dated August 31, 1955, Public Service Company of New Hampshire (PSNH) is hereby notifying the Commission of proposed alterations to the public water crossing as licensed by the Commission's Order.

In order to continue to meet the reasonable requirements of service to the public, PSNH must rebuild a one mile section of the U199 line within the existing ROW. The proposed design of the rebuild will enable the U199 to better withstand Ammonoosuc River flooding events, which have repeatedly damaged transmission structures in the past. As part of the rebuild, the two transmission structures that comprise the public water crossing as licensed by Order No. 10338-5 (structures 73-74) will need to be replaced. All resulting clearances will either meet or exceed the requirements of the National Electrical Safety Code in accordance with N.H. Code of Administrative Rules Puc 306.01 and Puc 1301.07.

After replacement of both structures, line U199 will cross the Ammonoosuc River on a 65 foot RAX H-frame steel pole type structure on the west side (structure 74) and a 75 foot WDE vertical single steel pole type structure on the east side (structure 73) of the river. Line U199 will continue to cross the Ammonoosuc River with a span of 897 feet. The existing conductors and static wire will be used on the new structures.

Replacement of these structures will comply with all conditions/restrictions in the NHDES Shoreland Permit that will be issued after PSNH files their Shoreland permit application. Replacement of these structures will also result in increased clearances over those that were previously described in the original petition in both of these Dockets. Again, these clearances will meet or exceed the requirements of the National Electrical Safety Code in accordance with N.H. Code of Administrative Rules Puc 306.01 and Puc 1301.07.

In accordance with the planned rebuild of this section of line, I am enclosing a revised Appendix, which explains the required new sags and clearance calculations, and revised plan and profile drawings for the crossing. In compliance with the Commission's rules, I include the original of this letter and enclosures, with six copies. If you have any questions or concerns or require additional information please do not hesitate to email me at laura.games@nu.com or to call me at 634-2906. Thank you for your assistance with this matter

Sincerely,

A handwritten signature in black ink, appearing to read "Laura V. Games", written in a cursive style.

Laura V. Games
Senior Licensing and Permitting Specialist

Encs.

cc: NH Office of the Consumer Advocate
C. J. Allwarden