



**Public Service  
of New Hampshire**

A Northeast Utilities Company

PSNH Energy Park  
780 North Commercial Street, Manchester, NH 03101

Public Service Company of New Hampshire  
P.O. Box 330  
Manchester, NH 03105-0330  
(603) 669-4000  
www.psnh.com

DE 08-112

NRUC 10OCT13PM1:57

October 8, 2013

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 08-112 Public Service Company of New Hampshire – Petition for License to Construct and Maintain Electric Lines and Fiber Optic Cable Over and Across Public Waters and/or Public Lands in the City of Keene and the Towns of Troy and Swanzey, New Hampshire**

Dear Ms. Howland:

In accordance with Order No. 24,904, dated October 1, 2008, in the above Docket, Public Service Company of New Hampshire (PSNH) is hereby notifying the Commission of proposed alterations to the public water and public land crossings as licensed by the Commission's Order.

In order to continue to meet the reasonable requirements of service to the public, PSNH must uprate the T198 line to allow it to operate at a higher temperature (285 degrees F). To accomplish this, most of the public water and public land crossings as licensed by Order 24,904 will merely be operated at a higher temperature. 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. However, one transmission structure that is part of the Ashuelot River crossing in Keene will be replaced with a taller structure. Currently, Line T198 crosses the Ashuelot River on Structure 151, a 70' type D3 structure (West) and Structure 152, a 60' type A3 structure (East) with a span of 355.38 feet. After replacement of Structure 151, Line T198 will cross the Ashuelot River on an 80' type RAX structure (West) and a 60' Type A3 structure (East) with a span of 346 feet. The existing conductors and static wire will be used on the new structure.

Replacement of structure 151 complies with PSNH's recently issued NHDES Shoreland Permit #2013-0183 dated July 10, 2013. Replacement of structure 151 will result in increased

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clearances over those that were described in the original petition in this Docket. 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 uprate of this line, I am enclosing revised Appendices A through K, which explain the required new sags and clearance calculations, and revised plans and profile drawings for all the crossings. 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](mailto: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