

STATE OF NEW HAMPSHIRE

Inter-Department Communication

DATE: 29 May 2009

AT (OFFICE): NHPUC

FROM: Tom Frantz – Director, Electric Division

SUBJECT: DE 09-075: Petition by PSNH for a License to Construct and Maintain Electric Lines over the Nubanusit Brook in the Town of Peterborough, New Hampshire

TO: Chairman Getz, Commissioners Below and Morrison
Executive Director Howland

On April 22, 2009, Public Service Company of New Hampshire (PSNH) filed a petition with the Commission under RSA 371:17 for a license to construct and maintain electric lines over the Nubanusit Brook in Peterborough, New Hampshire. PSNH states in its petition that the crossing is required to meet growth in demand, improve reliability, and to meet the reasonable requirements of service to the public in the Peterborough area.

PSNH states that the crossing will be operated at a voltage of 34.5kV and that the structures of the 221 foot crossing will be located within the public right-of way and that it possesses a pole license for both structure locations from the Town of Peterborough. PSNH also states that no wetlands permits or other permits are required. PSNH based its minimum clearance requirements on a 100-year flood elevation which exceeds the 10-year requirement of the National Electrical safety Code.

Staff employed the Liberty Consulting Group (Liberty) to review PSNH's petition. On April 30, 2009, Liberty filed an electronic memo of its review of PSNH's petition with Staff. Liberty stated that "...PSNH has provided sufficient information and data to justify construction of new electric lines across public waters at this location" and that "...PSNH assures the Commission that the new overhead facilities will be properly constructed, operated, and maintained in accordance with the requirements of the NESC, ANSI C2-2007." Liberty also stated that "...if the proposed facilities are constructed, operated, and maintained as proposed in its filing, PSNH will provide safe and reliable service to the public based on sound engineering standards and that construction will be in accordance with the 2007 edition of the National Electrical Safety Code." Liberty further recommended to Staff that it recommend approval of PSNH's petition to the Commission.

Based on the recommendation of Liberty and Staff's review of the filing, Staff recommends that the Commission grant PSNH a license to construct and maintain the electric lines over the Nubanusit Brook in Peterborough.

Please contact me if you have any questions or would like to discuss this matter.