

THE STATE OF NEW HAMPSHIRE



PUBLIC UTILITIES COMMISSION

21 S. Fruit Street, Suite 10

Concord, N.H. 03301-2429

CHAIRMAN
Amy L. Ignatius

COMMISSIONERS
Michael D. Harrington
Robert R. Scott

EXECUTIVE DIRECTOR
Debra A. Howland

TDD Access: Relay NH
1-800-735-2964

Tel. (603) 271-2431

FAX (603) 271-3878

Website:
www.puc.nh.gov

April 11, 2013

Ms. Amy Kraus
Waveguide Inc.
NHOS, Inc.
10 N. Southwood Dr.
Nashua, NH 03063

Re: DT 12-112 N.H. Optical Systems, Inc.
Petition for railroad and waterway crossings

Dear Ms. Kraus,

On April 24, 2012, NHOS filed a petition pursuant to RSA 371:17 seeking approval for licenses to construct and maintain fiber optic communications cable over and across one public waterway and two railroads, in a section of cable line that begins in Littleton and ends in Lancaster, otherwise referred to as Segment 6 of the project.

Following staff review, it was determined that existing cables at the river crossing and at all two railroad crossings, i.e.

- Israel River in Lancaster, NH
 - Between Utility Pole E 23/2C-T-90B/3 and Pole E 23/2B-T90B/2 (TID 129) near Middle and Mechanic Streets in the vicinity of Main Street
- Union Street, Whitefield, NH
 - Between Utility Pole E 42/19-T-196/1 and Pole E 42/20-T-196C/2(TID 127), parallel to Littleton Road and in the vicinity of Union Street
- Lancaster Road, Whitefield, NH
 - Between Utility Pole E 42/14-T-1/5 and Pole E 42/15-T-1/4.5(TID 128), near the junction of Jefferson Road and King Square.

may not be in compliance with NESC under heavy load conditions. Staff has asked the pole owners to investigate, take corrective action and assign NHOS a new attachment height if necessary. In the event existing attachments need to be relocated, NHOS will be required to submit a diagram with new attachment heights before a license can be issued.

Following discussions with both Fairpoint and PSNH it was agreed that the two Whitefield crossings require new poles. It is our understanding that this has now taken place and thus the crossings can now be approved. For that to take place, NHOS needs to resubmit revised technical drawings for the two Whitefield crossings reflecting the changes that have taken place.

In addition, Staff found additional deficiencies in the petition which need to be corrected. They include the following:

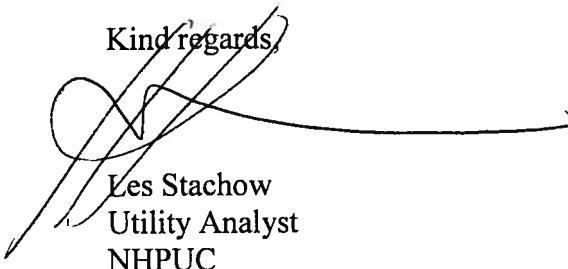
- Israel River in Lancaster, NH
 - Between Utility Pole E 23/2C-T-90B/3 and Pole E 23/2B-T90B/2 (TID 129) near Middle and Mechanic Streets in the vicinity of Main Street.
 - NHOS cable incorrectly labeled at Pole E 23/2B-T-90B/2 .

- Union Street, Whitefield, NH
 - Between Utility Pole E 42/19-T-196/1 and Pole E 42/20-T-196C/2(TID 127), parallel to Littleton Road and in the vicinity of Union Street.
 - Petition listed pole designation as 42/19 and 42/18 while location map designated poles as e 42/19-T-196/1 and E 42/20-T-196C/2.

Please resubmit amended technical diagrams to reflect the pole changes and the remaining deficiencies prior to crossing approval. This communication is a follow up our phone conversation of April 5, 2013.

If you have any questions please do not hesitate to contact me at 603-271-6319

Kind regards,



Les Stachow
Utility Analyst
NHPUC