

THE STATE OF NEW HAMPSHIRE



PUBLIC UTILITIES COMMISSION

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November 1, 2012

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Ms. Amy Kraus
Waveguide Inc.
NHOS, Inc.
99 Pine Hill Road
Nashua, NH 03063

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

Staff investigation revealed that all rail tracks in the town of Whitefield are considered active, although at present there is no demand for service.

Following staff review, it was determined that existing cables at both railroad crossings, i.e.

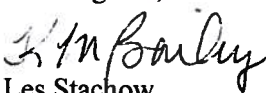
- Union Street, Whitefield, NH (designated TID 127) E-42/19-T-196/1; E-42/20-T-196C/2 , and
- Lancaster Road, Whitefield, NH (designated TID 128) E-42/14-T-1/5; E-42/15-T-1/4.5 may not be in compliance with NESC under heavy load conditions. Staff has asked the pole owners to investigate, take corrective 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.

Staff found the following deficiencies in the petition which will also need to be corrected:

- The railroad is not identified in either set of supporting documents
- The pole designation for TID 127, is inconsistent between the drawings and petition, i.e. 42/18 and 42/19 in the petition and E 42/19-T-196/1 and E 42/20-T-196C/2 in the drawings.
- For the Israel river crossing designated as TID 129, the NHOS cable is incorrectly labeled in the drawing at Pole E 23/2B-T-90B/2.

Please be so kind as to augment your petition accordingly. If you have any questions please do not hesitate to contact me at 603-271-6319.

Kind regards,

for 
Les Stachow
Utility Analyst