The United Illuminating Company
100 Marsh Hill Road, Orange, CT 06477-3629
203-499-2000

VIA ELECTRONIC MAIL AND HAND DELIVERY

October 13, 2015

Mr. Robert Stein
Chairman
The Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: PETITION NO. 1189 – The United Illuminating Company Petition for a Declaratory Ruling That No Certificate of Environmental Compatibility and Public Need is Required for the Proposed Modifications to the Existing Mix Avenue Substation Located at 690 Mix Avenue, Hamden, Connecticut and Related Improvements to Existing Electric Transmission Line Circuits From Mix Avenue Substation to Glen Lake Junction and From June Street Substation To Pease Road.

Dear Chairman Stein:

Please find enclosed the original and fifteen (15) copies of The United Illuminating Company’s (“UI”) responses to the Siting Council’s First Set of Interrogatories, dated September 29, 2015 in connection with the above-referenced Petition. Additionally, UI will electronically file all responses and attachments via sitting.council@ct.gov.

If you have any questions concerning this submittal, please contact me at your convenience.

Very truly yours,

James R. Morrissey, Esq.
UIL Holdings Corp.
As Agent for The United Illuminating Company
Q-CSC-1: The Noise Evaluation Study dated August 21, 2015 indicates that the project would comply with the Town of Hamden’s Noise Regulations. Would the proposed project also comply with State of Connecticut Department of Energy and Environmental Protection (DEEP) noise regulations?

A-CSC-1: Yes, the project will also comply with DEEP’s noise regulations.
Q-CSC-2: Provide a drawing or map depicting the route and pull stations of the existing electric transmission shield wires that would be replaced with new optical fiber ground wires.

A-CSC-2: Please see PE1189 A-CSC-2_ OPGW Pulling Location.

- From Glen Lake to Mix Avenue Substation see pages 1 – 13.
- From Pease Road to June Street Substation see pages 14 – 18.
Interrogatory CSC-3

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Q-CSC-3: Provide a drawing or map indicating the proposed locations of the three temporary wood transmission structures and the two #1610 line transmission structures to be replaced/relocated.

A-CSC-3: New permanent structure 26 is a wood 3-pole Pole arm Dead End with steel cross-arms and wood cross-braces. The poles are 75' tall embedded 10% + 2' in the ground, for a height of 65.5' above ground.

New permanent structure 27 is a steel monopole, 65' tall on a concrete drilled pier foundation. Its phases walk down the structure before spanning back to the substation bus.

Substation Temporary Reroute Steps

Phase I
- Install new dead-end structure GL 26 and remove existing GL26
- Install temporary structure A
- Install temporary structure B
- Transfer conductors to new GL 26, structure A, structure B and Mix Ave

Termination Structure

Phase II
- Install new structure GL27 and remove existing structure GL 27
- Install temporary structure C
- Transfer conductors to new GL 27, structure C
- Remove temporary structure A

Final Phase
- Completion of construction work as shown on attached Electrical Site Plan

Please see PE1189 A-CSC-3_Temporary Wood Transmission Poles.
Q-CSC-4: The Petition states that the nearest wetland is 580 feet to the existing substation. How far would the wetland be from the western limits of clearing/construction?

A-CSC-4: The distance from the closest wetland to western limit of construction/clearing (Structure GL 26) is 349 feet.

Please see PE1189 A-CSC-4_Aerial Site Plan Wetland Delineation.
Q-CSC-5: Would any trees with a diameter of six inches or greater be removed as part of the construction? If so, approximately how many?

A-CSC-5: UI must remove approximately 15 trees with a diameter of six inches or greater from the project area.
Q-CSC-6: Does the existing chain link fence have a two-inch mesh size? Would the proposed fence expansion match the existing fence, or would it have a different mesh size? Is the existing and proposed fence topped with barbed wire?

A-CSC-6: The existing chain link fence is a 14 foot high fence with 2 inch mesh and 1 inch barbed wire at the top. The new fence will match the existing height and mesh size, with barbed wire on top.