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July 20, 2022

Melanie A. Bachman, Esq.
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Docket No. 3B - The United Illuminating Company Amended Certificate of Environmental Compatibility and Public Need for Replacement of a Portion of the Existing Derby – Shelton 115-kV Electric Transmission Line Facility

Dear Ms. Bachman:

Enclosed for filing with the Connecticut Siting Council (“Council”) is the United Illuminating Company’s (“UI” or the “Company”) pre-filed testimony of Kevin McMahon relating to a virtual tour of the proposed project. UI will provide a copy of the video of the virtual tour to the Council electronically, via a ShareFile site, to be uploaded to the Council’s website.

An original and fifteen (15) copies of this filing will be sent via overnight delivery to the Council.

Should the Council have any questions regarding this filing, please do not hesitate to contact me.

Very truly yours,



Bruce L. McDermott

Enclosures

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STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

The United Illuminating Company Amended Certificate : Docket No. 3B
of Environmental Compatibility and Public Need for :
replacement of a portion of the existing Derby – Shelton :
115-kV electric transmission line facility. Reopening of :
this Certificate based on changed conditions pursuant to :
Connecticut General Statutes §4-181a(b) : July 20, 2022

PRE-FILE TESTIMONY OF KEVIN MCMAHON

Q. Please state your name, relation to the applicant and business address.

A. My name is Kevin McMahon. I am a Project Manager for The United Illuminating Company (“UI” or the “Company”). My business address is 100 Marsh Hill Road, Orange, CT 06477.

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to introduce and describe to the Connecticut Siting Council (the “Council”) the Company’s virtual tour of the proposed Derby Junction to Ansonia 115-kilovolt (“kV”) Transmission Line Rebuild Project (the “Project”).

Q. What is the virtual tour of the Project showing?

A. The virtual tour uses aerial imagery and visual simulations to illustrate the existing conditions and the proposed changes within the 4.1-mile transmission line rebuild route from Derby Junction in Shelton to Ansonia Substation in Ansonia. The objective of the virtual tour is to help the Council and others visualize how the proposed rebuilt lines will look.

Q. How was this virtual tour developed?

A. The Company used a sequence of recent aerial imagery, on-ground photographs, and photo-simulations to create a narrated tour of the 4.1-mile transmission line rebuild route. Along the length of the route, the tour uses aerial photographs to illustrate the location of the Project's proposed monopoles in relation to existing lattice towers. At representative locations along the route, the tour also includes street-level photographs to illustrate existing conditions and then uses the same photographs – modified to illustrate the proposed monopoles – to depict “with Project” conditions.

Q. How was the aerial imagery created?

A. The aerial imagery, which depicts the Project's proposed monopole and wire locations, was derived from an engineering design program in which the colored lines depict the proposed rebuild of UI's 115 kV transmission line conductors, optical ground wire, and overhead shield wire.

Q. Does the virtual tour illustrate the final configuration of the Project?

A. The virtual tour reflects UI's 70% engineering design for the Project. UI proposes to rebuild the 115-kV lines as illustrated in the Overview in Support of the Petition to Reopen and Modify Docket No. 3 and as generally depicted in the virtual tour. However, it is possible that the locations of some of the monopoles may change slightly as a result of the Council's review of the Project and other State and Federal regulatory processes. Additionally, it should be noted that the aerial imagery used in the virtual tour shows the

existing vegetation along the proposed Project route and does not account for the tree clearing that might be needed to complete the Project.

Q. What are the representative locations along the proposed Project route that are depicted in the virtual tour by street-level views?

A. From south to north, along the proposed Project route, the representative locations for which the tour provides street-level views are as follows:

In the City of Shelton: looking northwest from Ten Coat Lane; looking east from Howe Avenue; looking north from Shelton Riverview Park.

In the City of Derby: looking southwest from Yale Boat House; looking southwest from B-Street positioned on the north end of B-Street; looking northeast from the end of B-Street; looking north from Coon Hollow Road; looking west from the intersection of Chatfield Street and Silver Hill Road.

In the City of Ansonia: looking north from Silver Hill Road to Osbornedale State Park; looking from Osbornedale State Park area on the west side of the transmission corridor; looking northwest from Reichelt Terrace; looking southeast from Adanti Avenue; looking northwest from Scotland Street; looking north from Wakelee Avenue.

Q. Why were the above locations selected?

A. These locations were selected to represent the various existing land uses along the proposed Project route, as well as to depict the views of the monopoles from different locales.

Q. Does this complete your testimony?

A. Yes, it does.