

May 6, 2019

Melanie Bachman, Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

RE: Notice of Exempt Modification Pursuant to RCSA § 16-50j-57(b)(1) for Replacement of an Energy Component of an Energy Facility at 181 Card Street in the Town of Lebanon (“Notice of Exempt Modification”)

Dear Ms. Bachman:

The Connecticut Light and Power Company dba Eversource Energy (“Eversource”) hereby gives notice to the Connecticut Siting Council of its intent to undertake an exempt modification in accordance with Section 16-50j-57(b)(1) of the Regulations of Connecticut State Agencies (“RCSA”) for the modification to Eversource’s Card Street Substation as described herein.

Modification – Energy Component Replacement

The planned modification will take place within the existing fenced area at Eversource’s Card Street 11F Substation (“Substation”), located on its property at 181 Card Street in the Town of Lebanon. The Substation is a 345- to 115-kV, 115- to 69-kV, and 115- to 23-kV facility, with one (1) 345-kV to 115-kV transformer, two (2) 115- to 69-kV transformers, two (2) 115- to 23-kV transformers, four (4) 345-kV transmission circuits, four (4) 115-kV transmission circuits, two (2) 69-kV transmission circuits, and five (5) 23-kV distribution circuits.

Eversource proposes to replace the existing 345- to 115-kV (400 MVA) transformer with a new transformer of similar design on the existing foundation within the Substation. The existing transformer is 44 years old and is exhibiting signs of aging. Specifically, analyses of the dissolved gas in the transformer fluid shows that levels of dissolved gases are increasing, which indicates an increasing risk of failure and the need for replacement. The replacement transformer will be transported to the Card Street Substation by September 2019. Eversource proposes to commence construction in September 2019 and complete by December 2019.

The transformer replacement will not have a substantial adverse environmental effect. This replacement will not: (1) extend the fenced area of the Substation, (2) increase the height of the Substation equipment, (3) increase the noise levels to levels that exceed state or local criteria, (4) fail to comply with the Council's Best Management Practices for Electric and Magnetic Fields at the site boundary, or (5) cause a significant adverse change or alteration in the physical or environmental characteristics of the Substation.

A notice of the exempt modification filing has been sent to the First Selectman of Lebanon.

Enclosed are two (2) copies of this Notice of Exempt Modification along with the filing fee of \$625.00.

Communications regarding this Notice of Exempt Modification should be directed to Kathleen M. Shanley at (860) 728-4527.

By:



Kathleen M. Shanley
Manager – Transmission Siting