The United Illuminating Company
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A UIL HOLDINGS COMPANY

VIA ELECTRONIC AND U.S. MAIL

November 24, 2015

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

RE: **PETITION NO. 1199** – The United Illuminating Company, Petition for a Declaratory Ruling that no Certificate of Environmental Compatibility and Public Need is Required for the Construction, Operation and Maintenance of a 2.8 Megawatt AC Fuel Cell to be Located at Amity Regional High School, 25 Newton Road, Woodbridge, Connecticut – **Responses to Questions From Abutter Robert Rosasco**

Dear Chairman Stein,

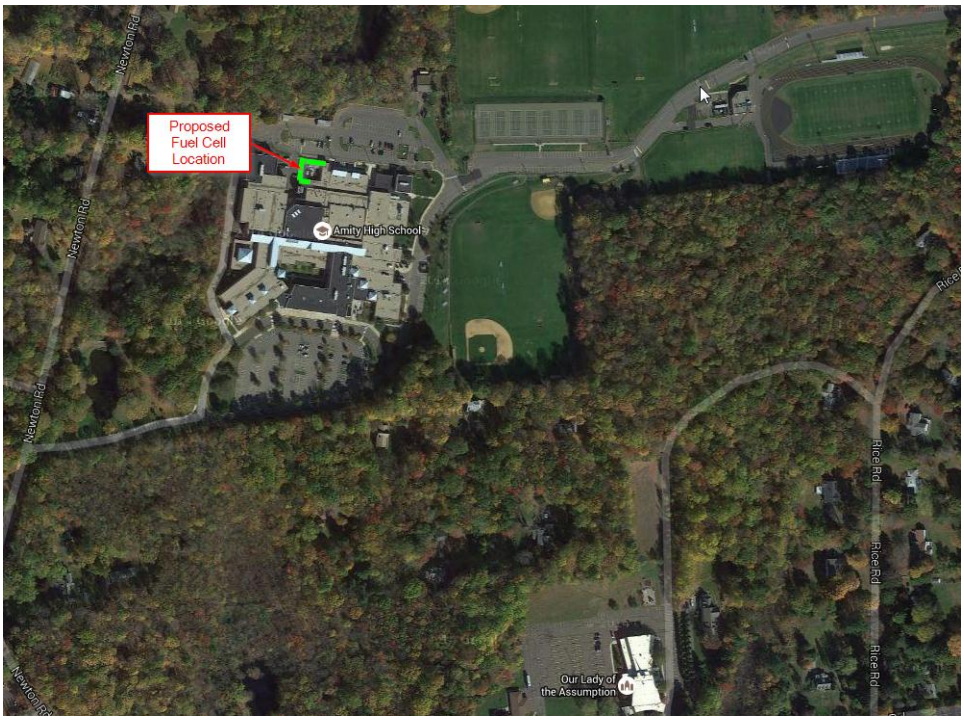
I enclose an original and 15 copies of The United Illuminating Company's responses to questions from Mr. Robert Rosasco, an abutter to the project contained in the above referenced Petition.

Do not hesitate to contact me at (203) 499-2864 should you have an questions regarding this filing.

Very truly yours,

James R. Morrissey
Attorney
UIL Holdings Corporation
As Agent for The United Illuminating Company

1. **Where precisely on the Amity High School premises will the fuel cell be installed?**



2. **How long will installation take, and if approved, when will installation commence?**

   The duration of the installation of the fuel cell is 4 - 6 months. If approval is received, the intention is to break ground in the spring (site clearing, demolition of existing mothballed HVAC equipment, etc.), so that UI can perform as much of the heavy construction (which will take approximately 1-2 months) during the summer break as to have the least impact on the school.

3. **Is there a projection on the mill rate reduction and energy output as it relates to energy for its routine uses (i.e., running anything for the town and/or heating Amity High)?**

   There is not a projected mill rate reduction; the fuel cell asset would be taxed by Woodbridge, like any other The United Illuminating Company asset. At the current mill rate of 37.66, the assumed tax contribution from these assets to the Town of Woodbridge over the twenty year life would be just under $3 million dollars ($2.91M).

4. **What precautions are being taken with design and installation to ensure everything goes smoothly, no explosions, etc...**

   The following precautions are undertaking during the design, construction and operation of such a project.

   Design: The fuel cell design is registered with and listed by the Canadian Standards Association ("CSA") to the international FC-1 design standard for fuel cells. Over thirty units of this mature design are currently in operation worldwide. Fuel Cell Energy has never had a fuel cell related safety incident on one of their sites. The installation will be compliant with NFPA 853, our national standard for installation of fuel cell power plants.

   Construction: During construction and installation, there are no explosive materials on site. Once natural gas is brought to site for plant operation, UI will operate at distribution pressure (similar to residential use of

natural gas); further dilute the fuel with steam to noncombustible levels; never mix the fuel with oxygen; and UI operates using a chemical reaction as opposed to "burning" the fuel and therefore there are no ignition sources.

Operation: UI has lower explosive limit or flammability detectors as well as infrared flame detectors which will detect any fuel leak in the balance of the plant. In this way, UI continually monitors for natural gas leakage and will immediately shut the entire system down and purge all natural gas out of the system if gas has been detected.