



**UIL HOLDINGS CORPORATION**

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157 Church Street, New Haven CT 06510-2100  
203-499-2000

Via Hand Delivery  
Transmittal Letter & Public Version by E-Mail

March 24, 2015

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

Re: Petition No. 1120 – 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 Hawthorne Substation at 180 Hawthorne Drive, Fairfield, Connecticut

Dear Chairman Stein:

Pursuant to the Siting Council's ("Council") Critical Energy Infrastructure Information ("CEII") Protective order entered in the above referenced Petition on December 1, 2014, and with the Council's procedures for filing CEII under protective order, please find enclosed two printed copies of a report by Exponent Inc. entitled: *Electric and Magnetic Field Assessment: The Hawthorne Substation* ("Exponent Report").

After a review of the proposed modifications, Exponent determined that "the addition of the proposed capacitor banks to the existing Hawthorne Substation will not cause any significant change to the existing levels of electric and magnetic fields at the boundary of the site." Exponent further concluded that at the substation, "[l]evels of electric and magnetic fields under existing and proposed conditions would be far below levels recommended by the International Committee on Electromagnetic Safety and the International Commission on Non-Ionizing Radiation Protection."

As required by the Council, the Exponent Report is filed in a sealed envelope labeled "CONFIDENTIAL – PROPRIETARY INFORMATION" and each page of the document is labeled "Critical Energy Infrastructure Information – Do Not Release."



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Due to the numerous instances of CEII protected information contained within the report, The United Illuminating Company ("UI") submits only the title and authorship pages for public release. Accordingly, UI encourages all parties and intervenors who would like to review the report and who have not already executed the required Nondisclosure Agreement do so immediately.

Do not hesitate to contact me with any questions.

Sincerely,

A handwritten signature in black ink that reads "James Morrissey".

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

cc: Service List

Enclosures

STATE OF CONNECTICUT  
SITING COUNCIL

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THE UNITED ILLUMINATING COMPANY'S  
PETITION FOR A DECLARATORY RULING THAT NO  
CERTIFICATE OF ENVIRONMENTAL  
COMPATIBILITY AND PUBLIC NEED IS REQUIRED  
FOR MODIFICATIONS TO THE HAWTHORNE  
SUBSTATION IN FAIRFIELD, CT

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MARCH 24, 2015

**AFFIDAVIT OF MATTHEW P. CLOUD**

STATE OF CONNECTICUT )  
COUNTY OF NEW HAVEN )

)  
: ss: Orange  
)

MARCH 24, 2015

MATTHEW P. CLOUD, being duly sworn, states:

1. I am a Transmission & Substation Engineer for The United Illuminating Company ("UI" or the "Company"), 180 Marsh Hill Road, Orange, Connecticut. I am over the age of eighteen years and understand the obligations of making statements under oath.

2. I am familiar with UI's Petition for a Declaratory Ruling that no Certificate of Environmental Compatibility and Public Need is required for proposed modifications to the Hawthorne Substation located at 180 Hawthorne Drive, Fairfield, CT (the "Petition").

3. I submit this affidavit in support of the Company's filing of a report authored by Exponent Inc. entitled *Electric and Magnetic Field Assessment: The Hawthorne Substation* ("Exponent Report") under the Protective Order granted by the Connecticut Siting Council (the "Council") on December 1, 2014.

4. The Exponent Report contains numerous instances of Critical Energy Infrastructure Information ("CEII") as defined by the Federal Energy Regulatory Commission ("FERC"). The FERC requires specific procedures for the handling of CEII, including established marking requirements as well as ensuring that any sharing of CEII is for a legitimate purpose and

done in such a manner to ensure that CEII is not placed in the public domain. Public disclosure of CEII would be contrary to standards established by FERC that are aimed at protecting the security, public health and safety, and the economic security of the United States. Accordingly, the Company seeks confidential treatment for the Exponent Report. The Company also asks that recipients of such CEII be required to abide by existing best practices for maintaining the security of CEII.



Matthew P. Cloud

Subscribed and sworn to before me  
This twenty-fourth day of March, 2015.



Notary Public/HEIDI E. GUATZEL  
~~Commissioner of Superior Court~~

MY COMMISSION EXPIRES: 6-30-19



Exponent<sup>®</sup>

**Electric and Magnetic  
Field Assessment:  
The Hawthorne  
Substation**



# **Electric and Magnetic Field Assessment: The Hawthorne Substation**

Prepared for

The United Illuminating Company  
180 Marsh Hill Rd.  
Orange, CT 06477

Prepared by

Exponent  
420 Lexington Ave.  
Suite 1740  
New York, NY 10170

February 23, 2015

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