November 16, 2017

Mr. Robert Stein
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Petition No. Petition 1325 - Danbury Telecommunications Project

Dear Mr. Stein:

This letter provides the response to requests for the information listed below.

Response to CSC-01 Interrogatories dated 10/27/2017
CSC-001, 002, 003, 004, 005, 006, 007, 008, 009, 010, 011, 012, 013, 014, 015, 017, 018

Very truly yours,

Kathleen Shanley
Manager
Transmission, Siting
As Agent for CL&P
dba EversourceEnergy

cc: Service List

R.E. 23521

11030-98

0-51. 212-171

~~11030-98~~

Contract No. 11030-98
Read By [illegible] 1-12-66
Read By [illegible] 3/18/66
Read By

ALICE C. BURKE, ET ALS

TO

THE HOUSATONIC PUBLIC SERVICE COMPANY

EASEMENT AND RIGHT OF WAY

RECEIVED FOR RECORD

JUN 21 1960

at 9:11 AM recorded in

Vol. 356 P. 175

DANBURY LAND RECORDS

Town Clerk

SHERWOOD, GEORGE, HULL & PINNEY

ATTORNEYS AT LAW

26 WEST STREET, DANBURY, CONN.

The Tuttle Law Print, Publishers, Rutland, Vt.

K N O W A L L M E N B Y T H E S E P R E S E N T S:

THAT WE, ALICE C. BURKE, TERESA M. DUNN, JOHN A. KEATING and AGNES C. KEATING, all of the Town of Danbury, County of Fairfield and State of Connecticut, and THE JOSEPH F. KEATING REALTY COMPANY, INCORPORATED, a Connecticut corporation having its office and principal place of business in said Town of Danbury, and acting herein by Joseph F. Keating , its President , hereunto duly authorized, for and in consideration of a valuable sum in dollars received to our full satisfaction of THE HOUSATONIC PUBLIC SERVICE COMPANY, a Corporation chartered by the General Assembly of the State of Connecticut, and having its principal place of business at Derby, New Haven County, Connecticut, do give, grant, bargain, sell and confirm unto the said THE HOUSATONIC PUBLIC SERVICE COMPANY a permanent easement, privilege and right of way for the erection and maintenance of poles, towers and wires and other necessary equipment and paraphernalia for the transmission of electric current upon, over, across and under lands of the Grantors situated in the Town of Danbury, County of Fairfield and State of Connecticut, which easement, right, privilege and right of way is described as follows:

PARCEL A: Commencing at a point in the southeasterly line of land of Heli-Coil Corporation at the intersection of said southeasterly line of land with the northerly line of an existing right of way of The Housatonic Public Service Company over land of the Grantors; running thence along land of said Heli-Coil Corporation North 57° 09' 50" East 90.85 feet to a point; running thence South 72° 26' East 73.47 feet to land now or formerly of John Shea; running thence along said Shea land South 28° 13' 40" East 100.40 feet; running thence through land of the Grantors and along the northerly line of the existing easement of The Housatonic Public Service Company North 72° 26' West 203.35 feet to the point or place of beginning.

PARCEL B: Commencing at a point on the southeasterly line of land of John Shea at the intersection of said southeasterly line with the northerly line of an existing easement of The Housatonic Public Service Company over land of the Grantors;

running thence along said Shea land North 64° 29' East 102.48 feet; running thence through land of the Grantors the following courses and distances: South 72° 26' East 86.57 feet to a point; North 86° 21' 50" East 491.12 feet to a point in the southwesterly line of Crows Nest Lane; running thence along said Crows Nest Lane South 58° 46' 10" East 52.48 feet; running thence through land of the Grantors herein along the northerly line of said existing right of way of the Housatonic Public Service Company the following courses and distances: South 86° 21' 50" West 644.51 feet; North 72° 26' West 62.80 feet to the point or place of beginning.

Being the same premises shown and designated on a certain map entitled "Proposed and Existing Right of Ways for The Housatonic Public Service Company on Property of John A. Keating, et al, Danbury, Connecticut", dated January 12, 1960, prepared by Sydney A. Rapp, C.E. & L.S., which map is intended to be filed simultaneously herewith.

Together with the right to enter upon said above described land and erect, inspect, operate, replace, repair, patrol and permanently maintain on, under and over said right of way poles and towers, radio towers and antennae, with necessary conductors, wires, cross arms, guy wires and usual fixtures and appurtenances used or adapted for the transmission of electric current, for light, heat and power incidental to said company's transmission of electric current or distribution of power, and for no other purpose.

Together also with the right to trim, cut, and remove at any and all times such trees, parts of trees, limbs, branches and underbrush within and projecting into the above described right of way, as in the judgment of the Grantee may interfere with or endanger said poles, towers, wires and incidental equipment, or their operation, or with any of their appurtenances when erected.

RESERVING, however, to ourselves, and to our heirs, representatives, successors and assigns, the right to cultivate and use the ground between said poles and towers and beneath said wires, provided that such use shall not interfere with or obstruct the rights herein granted.

TO HAVE AND TO HOLD the said granted and bargained easement, privilege and right of way and its appurtenances to said Grantee, and to its successors and assigns, forever, to its and their own proper use and behoof.

And we, the said Grantors, do hereby covenant and agree for ourselves, our heirs, executors, administrators, successors and assigns, with the Grantee, and its successors and assigns, that at and until the ensealing of these presents,

we are lawfully seized of the above bargained premises in fee simple, and have full right, title and authority to grant and convey the foregoing rights and privileges, and we further do by these presents bind ourselves and our heirs and assigns forever to warrant and defend the same to the said Grantee and to its successors and assigns against all olaims and demands whatsoever.

The Grantee covenants and agrees to pay all taxes that may be assessed or imposed on the poles, towers, wires or other fixtures and appurtenances erected or installed hereunder on the premises of the Grantors.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 16th day of June, A.D. 1960.

Signed, Sealed and Delivered
in the presence of:

(Jeanne M. Preston)

(A. W. Christy, Jr.)

(Gloria B. Putnam)

(Nancy A. Scozzafava)

Alice C. Burke (LS)

Teresa M. Dunn (LS)

John A. Keating (LS)

Agnes C. Keating (LS)

THE JOSEPH F. KEATING REALTY COMPANY, INCORPORATED

By (Joseph F. Keating) (LS)
Its President, duly commissioned

STATE OF CONNECTICUT)
ss. Danbury, June 16, 1960
COUNTY OF FAIRFIELD)

Personally appeared ALICE C. BURKE, TERESA M. DUNN, JOHN A. KEATING and AGNES C. KEATING, signers and sealers of the foregoing instrument, and acknowledged the same to be their

free act and deed, before me.

Gloria B. Putnam
~~Commissioner of the Superior Court for Fairfield County~~
Notary Public
(Gloria B. Putnam)

My Commission Expires April 1, 1964

STATE OF CONNECTICUT)
ss. Danbury, June 16, 1960
COUNTY OF FAIRFIELD)

Personally appeared JOSEPH F. KEATING, President of THE JOSEPH F. KEATING REALTY COMPANY, INCORPORATED, signer and sealer of the foregoing instrument, he being thereunto duly authorized, and acknowledged the same to be his free act and deed, and the free act and deed of said corporation, before me.

Received for Record
June 21, 1960 at 9:11 A.M.
Attest: Augustus Deakin
Town Clerk

Gloria B. Putnam
~~Commissioner of the Superior Court for Fairfield County~~
Notary Public
(Gloria B. Putnam)

My Commission Expires April 1, 1964

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
When was the easement executed? Please submit a copy.

Response:
The easement was executed on June 16, 1960. A copy is attached.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Is the parking lot within Eversource's easement?

Response:
Yes, the parking lot is within the area of land that is subject to Eversource's easement.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Did Eversource permit construction of a parking lot within its easement?

Response:
Eversource does not have any record of granting permission for construction of a parking lot on land that is subject to its easement and near the location of its Structure 9950.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
How does the parking lot impact Eversource's rights?

Response:
The parking lot does not impact Eversource's easement rights to use land subject to its easement. As currently designed, the parking lot does not interfere with Eversource's transmission line and radio communications facilities and associated operation, maintenance and other activities, provided that: (1) the parking lot is used only for temporary parking of vehicles that have a height not greater than 14 feet; and (2) Eversource continues to have access across the parking lot to reach its facilities at all times.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Please submit radio coverage maps for the proposed replacement whip antenna.

Response:
See attached.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

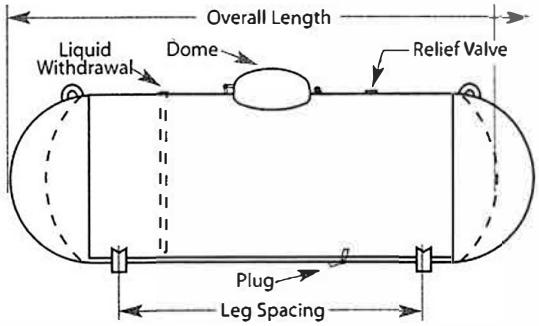
Question:
In the Petition under Tab 4, the map entitled, "Environmental Resources Screen," indicates in the southern call box, "Existing +/- 85' tall site transmission tower with whip antennas (one existing to be removed and three new to be installed)." Please clarify whether there is one or three new whip antennas proposed to be installed as part of this project.

Response:
Eversource plans to install one whip antenna.

||Petition No. Petition 1325
||Data Request CSC-01
||Dated 10/27/2017
||Q-CSC-007, Page 1 of 1

Trinity Containers, LLC

TRINITY ABOVEGROUND AND ABOVE/UNDERGROUND TANKS



- Powder Coated for Long Lasting Protection
- Vacuum Pre-purged
- AG/UG with Red Oxide Underground Protection
- Available in a Wide Range of Colors
- AG/UG Plastic Rust Free Domes

Trinity Aboveground and Above/Underground Tanks

TANK SIZE IN W.G.	NUMBER PER STACK	NUMBER PER LOAD	OVERALL LENGTH	OUTSIDE DIAMETER	OVERALL HEIGHT	LEG WIDTH	LEG WIDTH	WEIGHT LBS
120 GAL	12	96	5' 5 7/8"	24"	3' 9 7/8"	10 1/8"	3'	245
250 GAL	9	63	7' 2 1/2"	31.5"	4' 5 3/8"	12 3/4"	3' 6"	472
320 GAL	9	45	8' 11 3/4"	31.5"	4' 5 3/8"	12 3/4"	4' 1/4"	588
500 GAL	6	30	9' 10"	37.42"	4' 11 3/8"	15"	5'	871
1000 GAL	5	15	15' 10 7/8"	40.96"	5' 2 7/8"	16 1/4"	9'	1729
2000 GAL	4	8	23' 9 3/8"	46.614"	5' 8 13/16"	21"	20'	3676

Replacement Parts for Trinity Aboveground and Above/Underground Tanks

TANK SIZE	MULTIVALVES	REGO CHEK-LOK VALVES BOTTOM 1 1/4"	REGO CHEK-LOK VALVES TOP 3/4"	RELIEF VALVE	FILLER VALVE
120 WG	7556RT DT 6.7	7591U	7590U	7583G	7579T
250 WG	7556RT DT 8.5	7591U	7590U	7583G	7579T
320 WG	7556RT DT 8.5	7591U	7590U	7583G	7579T
500 WG	7556RT DT 10.5	7591U	7590U	8684G	7579T
1000 WG	7556RT DT 11.3	7591U	7590U	8685G	7579T
2000 WG	7556RT DT 12.7	7591U	7590U	8685G	7579T

Replacement Parts for Trinity Aboveground and Above/Underground Tanks

TANK SIZE	SQUIBB TAYLOR GAUGES 1" MN PT	ROCHESTER GAUGES 1" SCREW	REPLACEMENT DIAL SQUIBB TAYLOR	REPLACEMENT DIAL ROCHESTER
120 WG	HA130A	88981-1224	2701CV	5-01749
250 WG	HA162A	88981-1232	2701CV	5-01749
320 WG	HA162A	88981-1232	2701CV	5-01749
500 WG	HA194A	88981-1237	2701CV	5-01749
1000 WG	HA210A	88981-1241	2701CV	5-01749
2000 WG		88981-1146	2701CV	

All tanks on this page are manufactured to meet or exceed the American Society of Mechanical Engineers (ASME) specifications.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
In the Petition under Tab 2, specifications for an underground propane tank (two sheets) are provided. Is Eversource proposing an underground propane tank or above ground propane tank? If underground, provide site plans detailing underground installation. If above ground, provide the associated specifications.

Response:
Eversource is proposing to install one 500-gallon above ground propane tank. The specifications of the above ground propane tank are included on the attached sheet (see specifications for "500 GAL" tank size).

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Would any vegetation be cleared for the proposed site?

Response:
Eversource is proposing to trim some branches on one white pine to accommodate the installation of a 12-foot high fence and prevent access to the compound. Eversource also plans to trim an evergreen where it protrudes into the proposed construction area. While this project will require trimming of the white pine branches and an evergreen, future vegetation management activities may require additional action.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Does the bed rock geology of the site preclude burial of a propane tank?

Response:
Eversource has not conducted a geo-tech study to determine the soil or rock conditions for installation of an underground propane tank.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Would burying the propane tank result in the loss of one or more white pine trees by cutting through their roots?

Response:
The excavation for an underground propane tank would likely lead to the removal of one white pine.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Does the proposed 12-foot high fence conform to the State Building Code and/or National Electrical Safety Code? Can the 12-foot high fence withstand high winds associated with severe weather events?

Response:
Yes, the 12-foot high fence would conform to the State Building Code and National Electrical Safety Code and would be built to withstand high winds.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Does the slope of the site present challenges in cuts and fills and screening the equipment because it is downslope? Is the fence 12 feet high because of the location of the equipment in a depressed area downslope or is the fence 12 feet high because of the request from Birchwood Condominium Association for a 12-foot high fence?

Response:
The slope of the site should not present any construction or performance issues. The proposed fence is 12 feet high because the Birchwood Condominium Association requested that the fence be as tall as the equipment shelter.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Would Eversource consider other types of fencing treatments (i.e. chain link fence with slats or wood stockade)?

Response:
Yes. Eversource would consider any fence that has a minimum height of 8 feet. The proposed fence is 12 feet high because the Birchwood Condominium Association requested that the fence be as tall as the equipment shelter. Eversource is committed to working with the Birchwood Condominium Association to determine the style of fence.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Would Eversource consider replacing the proposed arborvitae screening with other native species? Is vegetation screening necessary?

Response:
Eversource does not require vegetation screening of this equipment shelter. Eversource is committed to work with the Birchwood Condominium Association on a planting plan. Any vegetative screening would need to conform to Eversource's vegetation management requirements.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Please explain if the equipment compound could be constructed in a different location within Eversource's easement? Would construction in any of the below locations be feasible and reduce disturbance: a) On the east side of Structure No. 9950; b) On the currently paved area within the northwest corner of the adjacent parking lot; and
c) North of and adjacent to the parking lot in a level grass area (between Crows Nest Lane and parking lot).

Response:
Yes, the compound could be built on the east side of structure number 9950. It is uncertain if this location will reduce disturbance.
Yes, the compound could be built within the northwest corner of the adjacent parking lot. It is uncertain if this location will reduce disturbance.
Yes, the compound could be built to the north of the parking lot but would have a greater visual impact in terms of views from the entrance to the condominiums and the road approaching the condominiums.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Could the proposed propane-fueled generator or an alternative diesel-fueled generator share a shelter with the radio equipment to reduce the size of the compound? If so, provide a site plan for this alternative compound.

Response:
Yes, a propane or diesel-fueled generator could share a shelter with the radio equipment. Eversource does not support the use of a diesel-fueled generator and tank due to environmental, safety, cost, and reliability concerns. Placing the propane generator in the shelter with the radio equipment would not significantly reduce the size of the compound.

Witness: **NO WITNESS**
Request from: **Connecticut Siting Council**

Question:
Could Eversource construct during the summer when there are no, or fewer, school bus pickups/drop-offs?

Response:
Yes, Eversource could construct the compound during the summer months. Eversource suggested construction during the fall or winter to avoid impacting the Birchwood Condominium Association's pool schedule and pool parking lot during the summer months.