



VIA UPS AND ELECTRONIC MAIL

April 19, 2023

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

Re: The United Illuminating Company's Notice of Exempt Modification Pursuant to R.C.S.A. § 16-50j-58 to Existing Energy Facility Site at 1677 Seaview Avenue in the City of Bridgeport ("Notice of Exempt Modification")

Dear Ms. Bachman:

Pursuant to Regulations of Connecticut State Agencies ("R.C.S.A.") §16-50j-58, The United Illuminating Company ("UI" or "Company") hereby notifies the Connecticut Siting Council (the "Council") of its intent to make exempt modifications to its Seaview Tap Substation ("Facility" or "Energy Facility"). The \$625 filing fees, along with 2 copies of this Notice of Exempt Modification, are enclosed herewith.

Existing Energy Facility

The Facility is located at 1677 Seaview Avenue in the City of Bridgeport, CT at 41.186093 and  $\Lambda$  -73.170558 and is bounded as follows:

BEGINNING at a point on the westerly street line of Seaview Avenue 224.76 feet southerly of the southwest corner of Barnum Avenue and Seaview Avenue when measured along said westerly street line of Seaview Avenue; then continuing southerly along said street line for a distance of 39.72 feet to a point; thence westerly along a line making an interior angle of  $85^{\circ}-07'-20''$  with said westerly street line of Seaview Avenue for a distance of 137.37 feet to a point; thence northerly along a line making an interior angle of  $92^{\circ}-20'-10''$  with the last described line for a distance of 39.39 feet to a point; thence again northerly along a line making an interior angle of  $212^{\circ}-26'-12''$  with the last described line for a distance of 47.41 feet to a point; thence again northerly along a line making an interior angle of  $154^{\circ}-27'-38''$  with the last described line for a distance of 187.46 feet to a point on the southerly street line of Barnum Avenue; thence easterly along the southerly street line of Barnum Avenue making an interior angle of  $80^{\circ}-49'-40''$  with the last described line for a distance of 33.90 feet to a point; thence southerly and easterly along the arc of a curve having a radius of 355.00 feet for a distance of 303.52 feet to the point of beginning.



Existing yard structures are approximately 73'-0" high and are enclosed in a fenced and graveled area of 0.13 acres +/-.



Existing Seaview Tap Substation Yard, Google maps, 2022



### Proposed Modifications

UI proposes to install the required cathodic protection system to protect the High-Pressure Gas Filled (HPGF) transmission line steel pipes, for the two circuits between Pequonnock Substation and Seaview Tap, from corrosion at Seaview Tap. The system will include installation of:

- One rectifier
- Two Isolation Surge Protectors, one per circuit
- Connection of the cathodic protection equipment to the transmission steel pipes through welded tabs and below grade conduit
- Anode bed with junction box and protective bollards
- Removal of existing cathodic protection system
- Cathodic protection system test stations

As the proposed modifications relate solely to improving system maintenance, the changes will not impact the existing Facility's structural capability or impact electric and magnetic fields or noise levels.

### Compliance with R.C.S.A. § 16-50j-57(b)

Pursuant to R.C.S.A. § 16-50j-57(b), the proposed changes do not constitute a modification to an existing facility that may have a substantial adverse environmental effect and are exempt from the requirement to obtain a certificate pursuant to Section 16-50k of the Connecticut General Statutes. Specifically, consistent with R.C.S.A. § 16-50j-57(b), the proposed changes to the existing site do not:

- (A) Extend the boundaries of the site beyond the existing fenced compound;
- (B) Increase the height of existing associated equipment;
- (C) Increase noise levels at the site boundary by 6 decibels or more, or to levels that exceed state and local criteria;
- (D) Impact electric and magnetic field levels at the site boundary in a manner that is inconsistent with the Council's Best Management practices for Electric and Magnetic Fields;
- (E) Cause a significant adverse change or alteration in the physical or environmental characteristics of the site; or
- (F) Impair the structural integrity of the facility, as determined in a certification provided by a professional engineer licensed in Connecticut, where applicable.

The project would not have a substantial adverse environmental effect or cause a significant adverse change or alteration in the physical or environmental characteristics because:



- (A) The proposed changes would be located within the Substation's existing fence line; the Substation's fenced area would not be expanded.
- (B) The equipment would be no taller than existing equipment within the Substation.
- (C) There would be no change to the existing television or radio interference resulting from the modifications of the Substation.
- (D) Sound-pressure levels at all points along properties lines would continue to meet state regulations set out in R.C.S.A. §§ 22a-69-1 et seq.
- (E) The project work would not affect water resource areas.
- (F) UI's review of the Connecticut Department of Energy and Environmental Protection's ("CT DEEP") Natural Diversity Data Base did not identify any state-listed endangered, threatened, or special concern species in the vicinity of the Project.
- (G) Electric and Magnetic field levels at the Substation boundary would not change as a result of the modifications.

UI intends to initiate the Seaview Tap cathodic protection scope of the Pequonnock substation rebuild on or after the Council's acknowledgement that the proposed activities are exempt.

Please do not hesitate to contact me at 203-499-3734 should you have any questions regarding this notice.

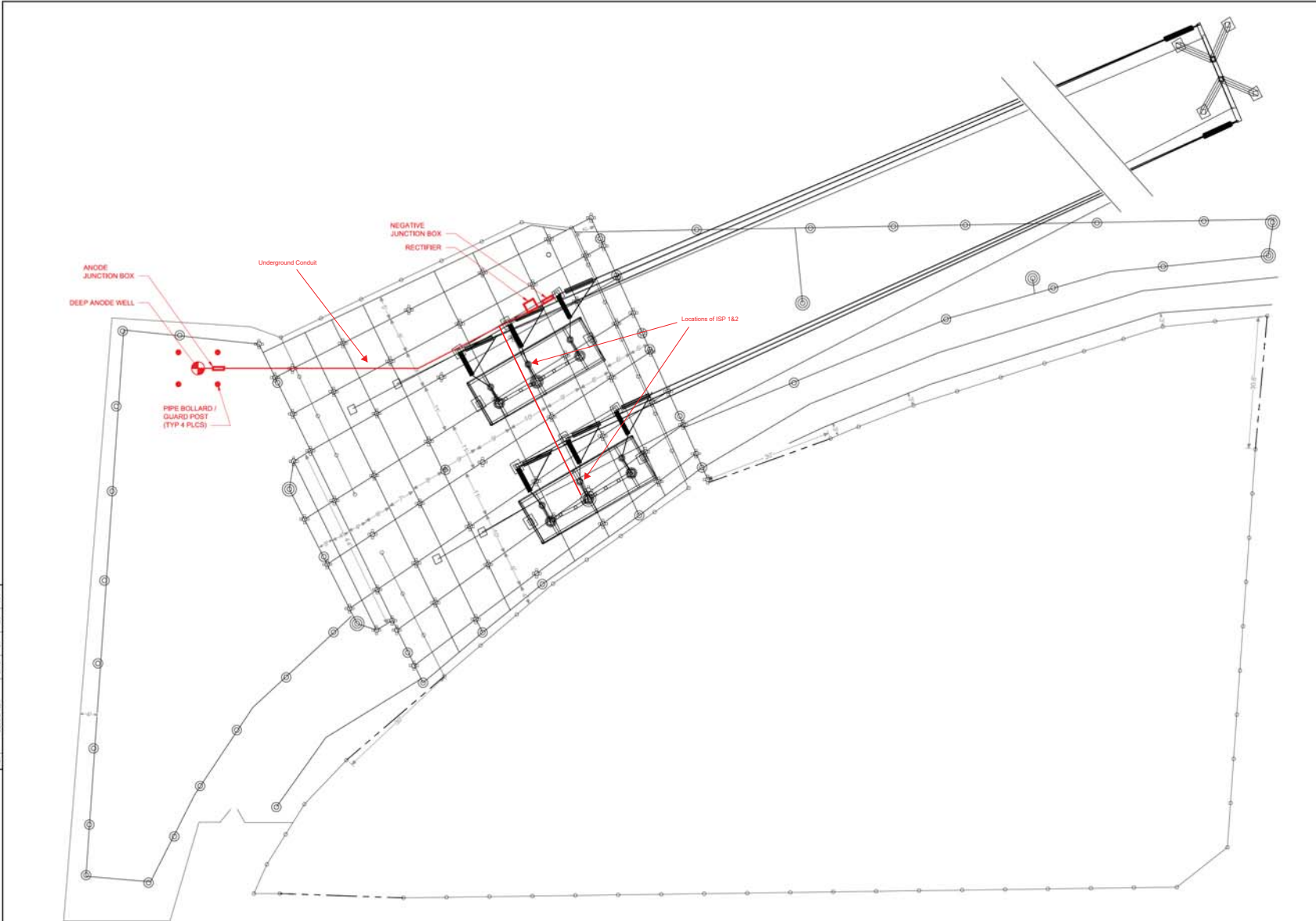
Very truly yours,

*Richard Pinto*

Richard Pinto  
Senior Project Manager  
The United Illuminating Company

cc: Mayor Joseph P. Ganim, City of Bridgeport  
Bruce McDermott, Murtha Cullina LLP  
Melville T. Riley, Planning and Zoning Commission

Attachments:  
Attachment 1: Drawing No. 24203-037 – Protection Layout



PLAN VIEW



**NOTES**

1. FOR GENERAL NOTES SEE DWG 24203-045.



**ISSUED FOR CONSTRUCTION**

THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACIBILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

**INSTALL**

SEQUENCE # 1054M

**LEGEND**

- EXISTING FENCE
- CATHODIC PROTECTION

**REFERENCE DRAWINGS**

- 24203-000 - COVER SHEET
- 24203-101 - HPGF CIRCUITS #1187 & #1710 PLAN & PROFILE
- 24203-102 - HPGF CIRCUITS #1187 & #1710 PLAN & PROFILE
- 24203-037A - CATHODIC PROTECTION SYSTEM DETAILS
- 24203-037B - CATHODIC PROTECTION SYSTEM DETAILS
- 24203-037C - CATHODIC PROTECTION SYSTEM DETAILS
- 24203-045 - LEGEND, ABBREVIATION & GENERAL NOTES
- 24203-000 - ROUTE MAP

PE STAMP

AVANGRID ENGINEERING  
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**115kV UG TRANSMISSION LINE  
SEASVIEW CATHODIC  
PROTECTION LAYOUT**

PEQUANNOCK		BRIDGEPORT	
REV	DESCRIPTION	DATE	BY
04	PEQUANNOCK	01/20/21	KMWS
05	BRIDGEPORT	01/20/21	CK

24203-037 0/0

NO.	DATE	DESCRIPTION	BY	CHK	APP
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