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July 28, 2023

Melanie A. Bachman, Esq.  
Executive Director/Staff Attorney  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

Re: **Dominion Energy Nuclear Connecticut, Inc. – Petition for a Declaratory Ruling on the Need to Obtain a New or Modify an Existing Siting Council Certificate to Modify the Boundary of the Site at the Millstone Power Station, Waterford, Connecticut**

Dear Attorney Bachman:

Enclosed please find the original and fifteen (15) copies of the above-referenced Petition for Declaratory Ruling filed on behalf of Dominion Energy Nuclear Connecticut, Inc. Also enclosed is a \$625.00 check for the filing fee.

Thank you in advance for your assistance and cooperation.

Sincerely,



Kenneth C. Baldwin

Enclosures

Copy to:

Rob Brule, Waterford First Selectman  
Jonathan Mullen, Waterford Planning Director  
Michael J. O'Connor, Site Vice President - Millstone

STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

IN RE: :  
: :  
A PETITION OF DOMINION ENERGY : PETITION NO. \_\_\_\_  
NUCLEAR CONNECTICUT, INC. FOR A : :  
DECLARATORY RULING ON THE NEED TO : :  
OBTAIN A NEW OR MODIFY AN EXISTING : :  
SITING COUNCIL CERTIFICATE TO MODIFY : :  
THE BOUNDARY OF THE SITE AT THE : :  
MILLSTONE POWER STATION, WATERFORD, : :  
CONNECTICUT : JULY 28, 2023  
:

PETITION FOR A DECLARATORY RULING

I. Introduction

Pursuant to Sections 16-50j-38 and 16-50j-39 of the Regulations of Connecticut State Agencies, Dominion Energy Nuclear Connecticut, Inc. (“Dominion”) hereby petitions the Connecticut Siting Council (“Council”) for a declaratory ruling that neither a new Certificate of Environmental Compatibility and Public Need (“Certificate”) nor a modification of an existing Certificate is required under Section 16-50k(a) of the Connecticut General Statutes to modify the limits of the Millstone Power Station (“MPS”) Site in Waterford, Connecticut.

II. Background

Dominion owns and operates MPS<sup>1</sup> pursuant to licenses issued by the U.S. Nuclear Regulatory Commission (“NRC”). MPS is located on appropriately 526 acres of land south of Rope Ferry Road (State Route 156), in the southwest portion of the Town of Waterford, Connecticut (the “MPS Site”). The MPS Site is currently occupied by two (2) nuclear-powered electric generating facilities (MPS Unit 2 and MPS Unit 3), an electric switchyard and electric transmission lines

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<sup>1</sup> Dominion owns MPS Units 1 and 2 in their entirety and owns 93.47% of MPS Unit 3. The remaining interest in MPS3 is owned by the Massachusetts Municipal Wholesale Electric Company (4.8%) and Green Mountain Power Corporation (1.73%).

(owned and operated by Eversource), an independent spent fuel storage installation (ISFSI) and various other uses, buildings, and structures all owned and operated by Dominion and associated with the generation of approximately 2100 Megawatts of electricity.

The MPS Units 2 and 3 Reactor buildings, Turbine Generators, Emergency Safeguard buildings, Auxiliary, and various outbuildings, along with an Independent Spent Fuel Storage Installation facility (ISFSI), are in a 49-acre "Protected Area" in the southern-most portion of the MPS Site. Access to the Protected Area is restricted to MPS and Dominion Badged Personnel and protected by security measures. Between 1974 and 2013, the Council approved the MPS Unit 3 generating facility (1974); a 345-kV electric transmission line (1982); a simulator training building and associated parking areas (1984); a low-level waste reduction building (1984); the MPS Unit 3 maintenance shop (1986); an electric switch yard (1988); the MPS Eastern Access Building (1989); two steam generator buildings (1990 and 1991); an office building and employee parking area (1993); a fire training facility (1993); a sand and salt shed (2001); an indoor firing range (2004); the ISFSI (2004) and various electric transformer replacement and installation projects (2008-2013). These projects were all developed to support Dominion's operations at MPS<sup>2</sup>.

#### Proposed NE Edge Data Center

In February of 2022, Dominion signed a Memorandum of Understanding with NE Edge LLC ("NE Edge") to potentially develop two separate two-story data center buildings within the northern portion of the MPS Site. NE Edge is not affiliated, in any way, with Dominion and would develop and maintain its data center as a separate and independent use at the MPS Site. NE Edge operations are not related to or associated with power generation at MPS<sup>3</sup>.

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<sup>2</sup> In all, Council has approved more than 20 separate construction projects at MPS since its approved of MPS Unit 3 in 1974.

<sup>3</sup> Dominion intends provide power to the NE Edge data center through a direct distribution level electrical interconnection from the existing MPS switchyard to the NE Edge switchyard, then to the NE Edge data center buildings.

NE Edge identified two locations on the MPS Site to develop its data center and an additional area for an electric switchyard needed for MPS to provide power directly to the data center use<sup>4</sup>. NE Edge identifies the data center locations as Lease Area 1 and Lease Area 2; additionally, the switchyard is identified as Lease Area 3. (See the attached MPS Site Plan map dated 7/18/23 included as Exhibit 1 to this Petition.

Lease Area 1 is an approximately 35-acre portion of the MPS Site, east of the MPS main access road, west of the existing MPS electric transmission line right of way, and north of the Amtrak Rail right of way. This vacant area is used periodically for equipment and material storage during site development activities. Access to Lease Area 1 will extend from Rope Ferry Road (Route 156) along the existing MPS site access road.

Lease Area 2 is an approximately 14-acre portion of the MPS Site west of the MPS main access road, south of the fire training facility, and north of the Amtrak Rail right of way. This area is partially wooded, contains the existing salt shed, and is used to store equipment or trailers temporarily. Access to Lease Area 2 will extend from Rope Ferry Road (Route 156) along the existing MPS site access road.

Lease Area 3 is an approximately 6-acre portion of the MPS Site east of the MPS main access road, west of the existing MPS electric transmission line right of way, and north of the Amtrak Rail right of way. This vacant area is used periodically for equipment and material storage during site development activities. Access to Lease Area 3 will extend from Rope Ferry Road (Route 156) along the existing MPS site access road.

### Siting Council Jurisdiction

Pursuant to the provision of Conn. Gen. Stat. Section 16-50i(a)(3), the Council maintains jurisdiction over the MPS electric generating facilities and all equipment, structures, and uses

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<sup>4</sup> The proposed NE Edge Switchyard will operate at less than 69 kilovolts and will be included as a part of the Town of Waterford local permitting applications.

associated with and related to the electric generating facilities on the MPS Site. Notwithstanding its proposed location on a portion of the MPS Site, the NE Edge data center and switchyard use, buildings, and structures are not, in any way, associated with or related to Dominion’s electric generating operations at MPS.

Development of the NE Edge data center and switchyard is, therefore, not subject to the Council’s jurisdiction. The NE Edge data center and switchyard use will, however, be subject to the land use and environmental permitting requirements of the Town of Waterford.

Proposed Modification to the Established MPS Site

In an effort to clearly distinguish between those portions of the MPS Site used for or associated with electric power generation and the NE Edge data center parcels (Lease Area 1 and Lease Area 2) and switchyard (Lease Area 3) described above, Dominion respectfully requests that the Council issue a declaratory ruling establishing the new limits of the MPS Site to include those areas shown on Exhibit 1 and labeled “Dominion Energy Nuclear Connecticut Inc. North Parcel” and “Dominion Energy Nuclear Connecticut Inc. South Parcel” but excluding those areas to be used for the development of the NE Edge data center, identified as Leased Area 1, Leased Area 2 and Leased Area 3<sup>5</sup>.

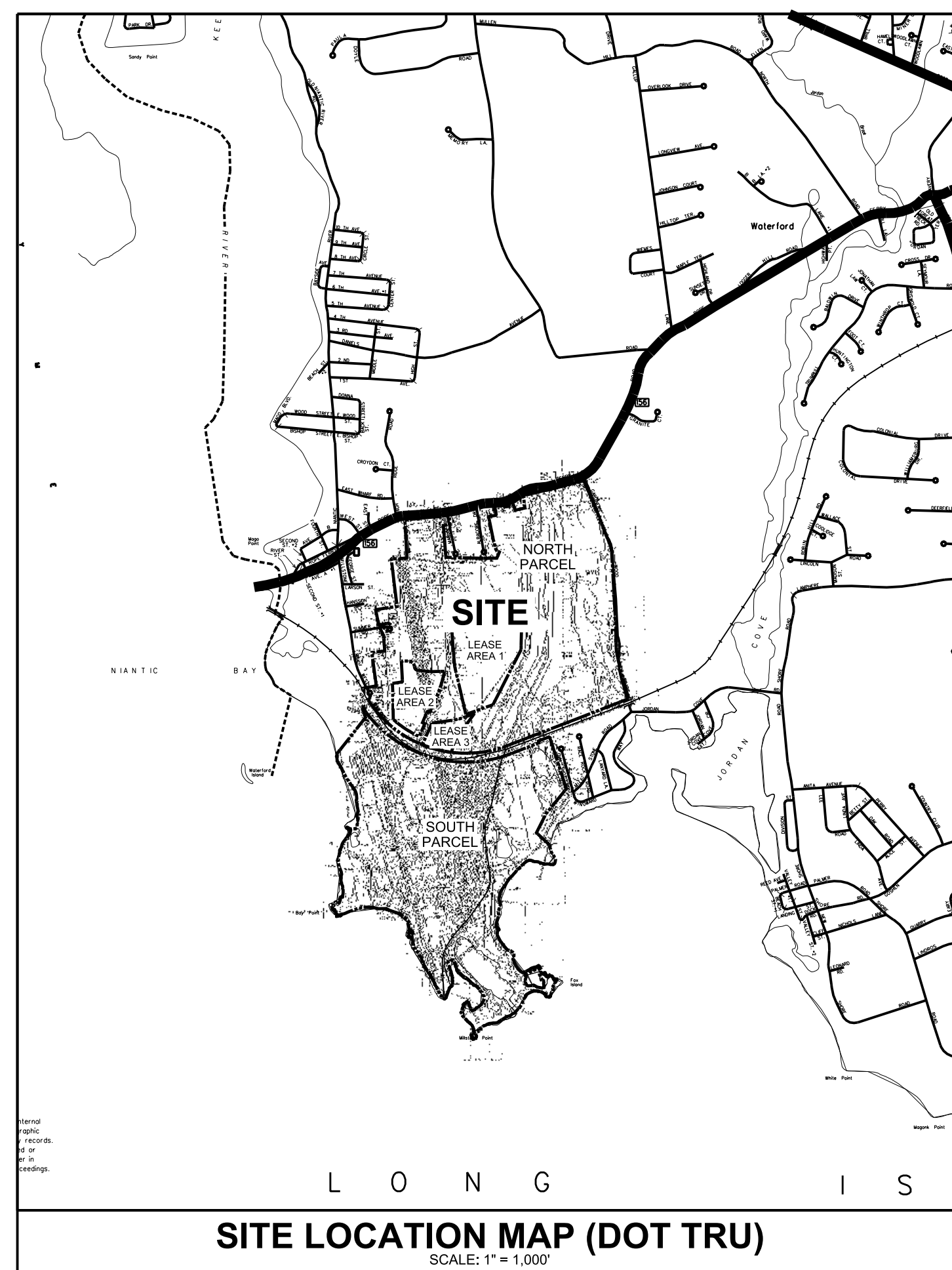
Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael J. O'Connor", is written over a horizontal line.

Michael J. O’Connor  
Site Vice President – Millstone  
Dominion Energy Nuclear Connecticut, Inc.

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<sup>5</sup> The actual size, configuration, and boundary limits of Lease Area 1, Lease Area 2, and Lease 3 are subject to change depending on the outcome of the local land use permitting processes. Dominion respectfully requests that the Council, as a part of its declaratory ruling, permit the substitution of a new Exhibit 1 Site Plan map, if necessary, that reflects the ultimate limits of Lease Area 1, Lease Area 2, and Lease Area 3 as permitted by the Town of Waterford land use authorities.



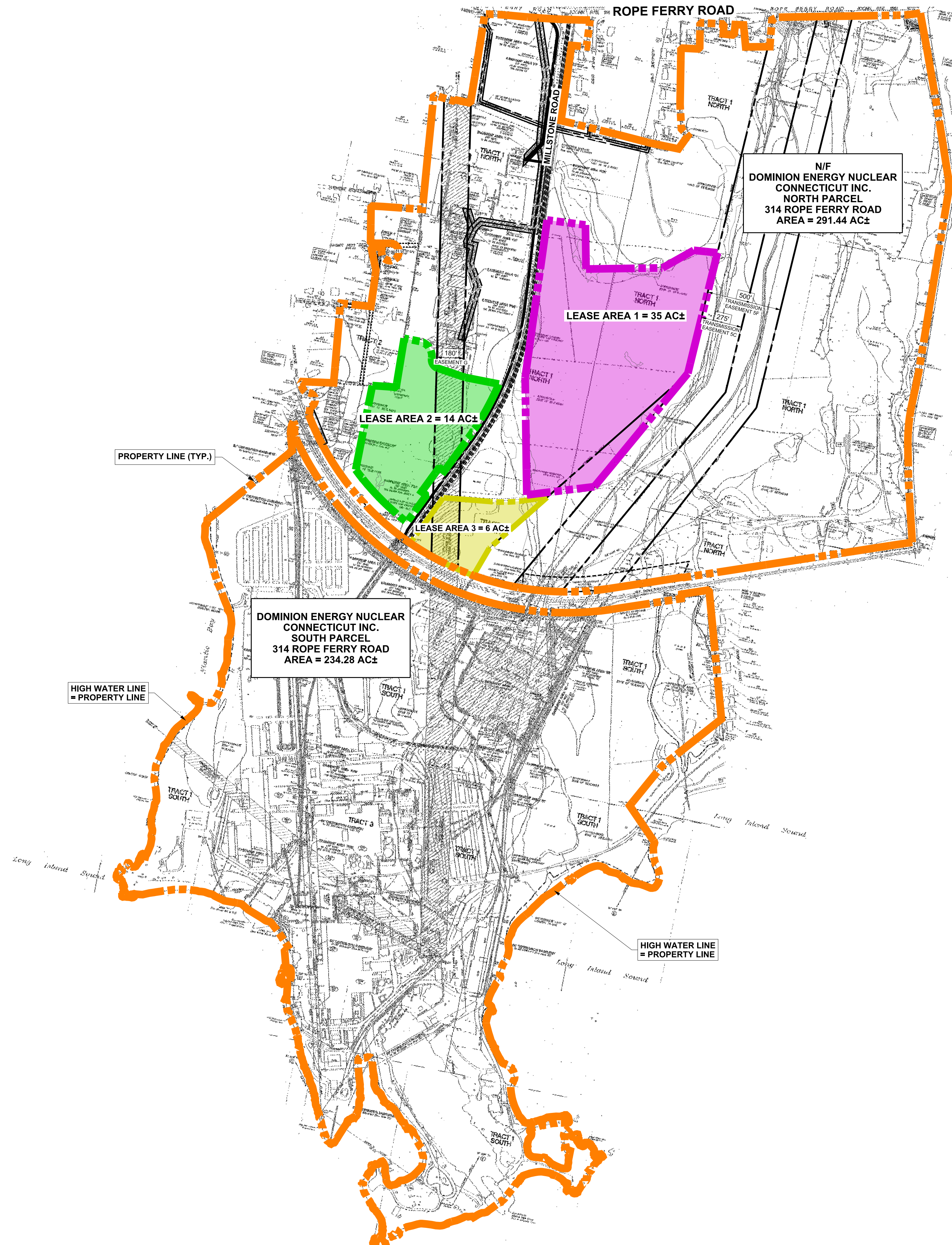
**SURVEY NOTES:**

1. THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-20 THROUGH 20-300B-29 AND THE "STANDARDS AND SUGGESTED METHODS AND PROCEDURES FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON AUGUST 29, 2019. IT IS A COMPILATION PLAN AND CONFORMS TO HORIZONTAL CLASS "D" ACCURACY STANDARDS. THIS PLAN WAS COMPILED FROM OTHER MAPS, RECORD RESEARCH OR OTHER SOURCES OF INFORMATION. IT IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD SURVEY, AND IS SUBJECT TO SUCH CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. NO SURVEYORS PROFESSIONAL PROPERTY LINE OPINION OR BOUNDARY LINE DETERMINATION IS EXPRESSED OR IMPLIED BY THIS PLAN. THE INTENT OF THIS PLAN IS TO DEPICT THE EXISTING WETLANDS FLAGGED BY REMA ECOLOGICAL SERVICES, LLC.
2. NORTH ORIENTATION DEPICTED HEREON IS APPROXIMATE NORTH AMERICAN DATUM 1983 (NAD83) BASED UPON GLOBAL POSITIONING SYSTEM OBSERVATIONS.
3. INLAND WETLANDS WERE DELINEATED BY GEORGE LOGAN, MS, PWS, CSE IN APRIL AND MAY 2023. FLAGS WERE LOCATED ON MAY 6, 20 & 21, 2023.
4. PROPERTY LINES, EASEMENT AND BACKGROUND INFORMATION PER REFERENCE MAP 1.

**MAP REFERENCES:**

1. ALTAIACSM LAND TITLE SURVEY, PREPARED FOR NORTHEAST UTILITIES SERVICE CO., PROPERTY SURVEY-MILLSTONE POINT, SEPARATION PLAN SHOWING LAND TO BE CONVEYED AND EASEMENT TO BE RESERVED, WATERFORD, CONNECTICUT SHEETS 1-14 OF 14, PROJECT# F3-00001774.08 DATED: JULY 2000, PREPARED BY: URS CORPORATION A.E.S.
2. INLAND WETLANDS DEPICTED HEREON REFERENCED FROM THE FOLLOWING:
  - A. DELINEATION PERFORMED BY GEORGE LOGAN, MS, PWS, CSE OF REMA ECOLOGICAL SERVICES IN APRIL AND MAY 2023 AS LOCATED BY BOUNDARIES, LLC
  - B. WETLANDS AND WATERCOURSES DELINEATED APRIL 2011 BY SSES, INC. AS DEPICTED ON A MAP ENTITLED "PRESENTATION MAP MILLSTONE LINE SEPARATION PROJECT FOR THE CONNECTICUT LIGHT & POWER COMPANY, WATERFORD, CT," DATED 8-8-2011, SHEET NO. SH.1, SCALE 1" = 300'.
  - C. DELINEATION PERFORMED BY DAVISON ENVIRONMENTAL, LLC AS DEPICTED ON A MAP ENTITLED "FIGURE 2: WETLANDS AND WATERCOURSES MAP, MILLSTONE POWER STATION, MILLSTONE ROAD, WATERFORD, CT," DATED APRIL 2022, SCALE 1" = 350'.
  - D. WHERE CURRENT OR PREVIOUS WETLAND DELINEATION DATA WAS NOT AVAILABLE, APPROXIMATE WETLAND LIMITS FROM MAP REFERENCE 1 WERE USED.
3. USGS CONNECTICUT ORTHOIMAGERY 2019 AERIAL OBTAINED FROM CT ECO DATABASE.
4. ELEVATION/LIDAR DATA OBTAINED FROM NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) OF THE US DEPARTMENT OF COMMERCE DATABASE.
5. SOIL MAP/DATA OBTAINED FROM NATURAL RESOURCES CONSERVATION SERVICE (NRCS) OF THE US DEPARTMENT OF AGRICULTURE DATABASE.
6. TOWN ROAD MAP OBTAINED FROM THE CONNECTICUT DEPARTMENT OF TRANSPORTATION DATABASE.

LEGEND	
	PROPERTY LINE
	EASEMENT LINE
	FENCE LINE
	STONE WALL
	WETLANDS LINE
	LEASE AREA 1
	LEASE AREA 2
	LEASE AREA 3



AREA SUMMARY TABLE	
NORTH PARCEL	= 291.44 ACRES±
SOUTH PARCEL	= 234.28 ACRES±
TOTAL AREA	= 525.72 ACRES±

SCALE: 1" = 400'

PROJECT NUMBER:  
**00141 - 001**



**CONTACT INFORMATION**  
YANTIC RIVER CONSULTANTS, LLC  
191 NORWICH AVENUE  
LEBANON, CONN 06249  
Phone: (860) 367-7264  
Email: yanticriver@gmail.com  
Web: www.yanticriverconsultants.com

CONNECTICUT SITING COUNCIL SITE PLAN	
MILLSTONE ROAD	WATERFORD, CT

REVISION SUMMARY		SHEET ST1 OF 1
DATE	DESCRIPTION	
7/18/23		DATE
		REVISOR