



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

August 9, 2023

Kenneth C. Baldwin, Esq.  
Robinson & Cole LLP  
280 Trumbull Street  
Hartford, CT 06103  
[kbaldwin@rc.com](mailto:kbaldwin@rc.com)

RE: **PETITION NO. 1586** – Dominion Energy Nuclear Connecticut, Inc. petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, that neither a new Certificate of Environmental Compatibility and Public Need (Certificate) nor a modification to its existing Certificate is required to revise the boundaries of the Millstone Power Station electric generating facility site located off Rope Ferry Road, Waterford, Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than August 30, 2023. Please submit an original and 15 copies to the Council's office and an electronic copy to [siting.council@ct.gov](mailto:siting.council@ct.gov). In accordance with the State Solid Waste Management Plan and in accordance with Section 16-50j-12 of the Regulations of Connecticut State Agencies, the Council requests all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. Fewer copies of bulk material may be provided as appropriate.

**Please be advised that the original and 15 copies are required to be submitted to the Council's office on or before the August 30, 2023 deadline.**

Copies of your responses are required to be provided to all parties and intervenors listed in the service list, which can be found on the Council's website under the "Pending Matters" link.

Any request for an extension of time to submit responses to interrogatories shall be submitted to the Council in writing pursuant to §16-50j-22a of the Regulations of Connecticut State Agencies.

Sincerely,

Melanie Bachman  
Executive Director

c: Michael J. O'Connor, Dominion Energy Nuclear Connecticut, Inc.  
([michael.j.oconnor@dominionenergy.com](mailto:michael.j.oconnor@dominionenergy.com))

**Petition No. 1586**  
**Dominion Energy Nuclear Connecticut, Inc. (DENC)**  
**Rope Ferry Road, Waterford, Connecticut**

**Interrogatories**  
**August 9, 2023**

**Notice**

1. Has Dominion Energy Nuclear Connecticut, Inc. (DENC) met with the Town of Waterford (Town) and/or submitted any proposed site plans or applications for land use and environmental permitting with the Town? What comments and concerns were expressed by the Town?
2. Has DENC received any comments from the Town since the filing of the Petition?
3. What United States Nuclear Regulatory Commission (USNRC) requirements apply to the proposed site boundary revision for the lease and collocation of the data center within DENC property boundaries? How will DENC comply with these requirements?
4. What ISO-New England, Inc. (ISO-NE) requirements apply to the proposed interconnection of the data center switchyard to the Millstone Power Station (MPS) switchyard?

**Existing Facility Site**

5. Referencing Petition p. 3, Lease Area 1 is a vacant area used periodically for equipment and material storage during site development activities. Where on the existing facility site would DENC establish a new area for this purpose?
6. Referencing Petition p. 3, Lease Area 2 is partially wooded, contains the existing salt shed and is used to store equipment or trailers temporarily. Where on the existing facility site would DENC establish a new area for these purposes? How would DENC continue to access/manage the salt shed during the lease term?
7. Referencing Petition p. 3, Lease Area 3 is a vacant area used periodically for equipment and material storage during site development activities. Where on the existing facility site would DENC establish a new area for these purposes?

**Facility Site Revision**

8. What is the term of the lease for the three areas? Are there any lease provisions for restoration of the three areas at the end of the data center's useful life?
9. Could the data center buildings and/or switchyard be repurposed by DENC for MPS operations at the end of the lease term? If not, are there lease provisions for decommissioning of the data center and/or its switchyard at the end of the lease term?
10. How would construction and operation of the data center and its switchyard impact current access to MPS? For example, would there be increased traffic, separate driveway entrances and gates, additional security protocols, etc.? Explain.

11. How would the data center switchyard interconnect with the existing MPS switchyard? What modifications would be required at the existing switchyard for this interconnection?
12. What system impact studies has DENC and/or Eversource conducted to ensure that the data center interconnection would not adversely affect the safe and reliable operation of MPS and Eversource's electric distribution system?
13. Is the interconnection required to be reviewed by ISO-NE? Why or why not?
14. What is the anticipated maximum load in megawatts from operation of the data center?
15. Would operation of the data center and its switchyard have any potential adverse impact on any of DENC's obligations to federal, state or regional entities under any permit, contract or license (ex. reserve margin, operating reserves, maintenance)? If so, how will DENC address these potential impacts?
16. Would interconnection of the data center to MPS have any impact on MPS' winter or summer reliability?

#### **Public Safety**

17. In the event of a fire or other emergency associated with the data center and/or its switchyard, would MPS revise its Emergency Response Plan to include Lease Areas 1-3? Would the data center and its switchyard also have a separate Emergency Response Plan? Explain.
18. How would operation of the data center and its switchyard contribute to existing background noise levels at the MPS site? Would expected cumulative noise levels from the operation of MPS, the data center and its switchyard comply with state noise control regulations?
19. Does the location of the data center and its switchyard comply with the NRC minimum distance requirement within an owner-controlled area?
20. What is the distance from the rail line to the proposed data center switchyard? Does this distance comply with the National Electrical Safety Code?
21. Would the construction of the data center switchyard require notification to the operator of the rail line and/or require any construction-related safety measures?
22. Do any Occupational Safety and Health Administration restrictions apply to activities beneath the electric lines associated with the data center in Lease Area 2?

#### **Environmental Effects and Mitigation Measures**

23. Referencing Petition Exhibit 1, Connecticut Siting Council Site Plan, Map References 2A-2D, did any of the wetland scientists who performed the wetland and watercourse delineations recommend any mitigation measures for the protection of the wetlands and watercourses on or traversing Lease Areas 1-3. If yes, what are the recommendations?
24. Referencing the attached State Plan of Conservation and Development Map by GZA, dated December 20, 2011 (Attachment 9 to the Docket 265A application), what impact would development of Lease Areas 1-3 for the data center and its switchyard have on the identified "Preservation Areas"?

25. What is the approximate acreage of vegetative clearing required to develop Lease Areas 1-3 for the data center and data center switchyard?
26. How would construction of the data center and its switchyard change the visual character of the area surrounding the existing MPS site?
27. How would construction of the data center and its switchyard impact the current open space areas on the MPS site? What is the current acreage of the existing open space areas on the MPS site and what would be the approximate acreage of the remaining open space areas on the MPS site post-data center development?



**Legend**


- Preservation Area
- Large Wetlands
- Existing Preserved Open Space

**Development Policies**

- Growth Area
- Neighborhood Conservation
- Regional Center
- Rural Community Center



The Locational Guide Map (Map) is a component of the Conservation and Development Policies Plan for Connecticut (Plan). The Map spatially interprets the growth Management Principles contained in the Plan, with respect to each area's potential to fulfill and to balance the conservation and development priorities of the state. The Map is based on digital and demographic data developed by the Department of Environmental Protection, the Office of Policy and Management, the Department of Economic and Community Development, and the U.S. Department of Commerce, Bureau of the Census.

	PROJ. MGR.: DML DESIGNED BY: KDH REVIEWED BY: DML OPERATOR: KDH	<b>STATE PLAN OF CONSERVATION AND          DEVELOPMENT MAP</b>	JOB NO. 171138
	DATE: 12 -20 -11	<b>INDEPENDENT SPENT FUEL          STORAGE INSTALLATION</b>	FIGURE NO. <b>3</b>