



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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September 19, 2003

Daniel A. Weekley  
Director Northeast Government Affairs  
Dominion Resources Services, Inc.  
Millstone Power Station  
Rope Ferry Road  
Waterford, CT 06385

RE: **DOCKET NO. 265** - Dominion Nuclear Connecticut, Inc. application to modify an existing electric generating facility (Millstone Power Station) to establish an independent spent fuel storage installation on property located off Rope Ferry Road, Waterford, Connecticut.

Dear Mr. Weekley:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than October 3, 2003. To help expedite the Council's review, please file individual responses as soon as they are available.

Please forward an original and 20 copies to this office. In accordance with the State Solid Waste Management Plan, the Council is requesting that 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. A list of parties and intervenors dated September 9, 2003 is enclosed. Fewer copies of bulk material may be provided as appropriate.

Yours very truly,

S. Derek Phelps  
Executive Director

SDP/FOC

c: Council Members  
Parties and Intervenors

**Docket No. 265**  
**Pre-hearing Interrogatories**

1. Provide a copy of the Federal Code of Regulations guiding the Department of Energy (DOE) in its responsibility for establishing a nuclear spent fuel repository.
2. Provide a current DOE schedule for the development of the national nuclear spent fuel repository, Yucca Mountain.
3. Confirm or clarify a DOE graphic attached to a letter dated August 20, 2003 from Nancy Burton, Esq. to Paul Eccard, First Selectman of Waterford.
4. What are Nuclear Regulatory Commission (NRC) requirements for siting an independent spent fuel storage installation (ISFSI)?
5. List security measures as ordered by the NRC.
6. Identify the NRC's docket number and address for correspondence.
7. Does the NRC docket initiate any proceeding for the approval or denial of the proposed ISFSI?
8. Identify the existing number of spent fuel assemblies and the maximum number of spent fuel assemblies for Millstone Unit I, II, and III spent fuel pools. Is each spent fuel pool capable of storing each units spent fuel for the existing license period?
9. Define interim and long-term storage.
10. List advantages and disadvantages to storing spent fuel in a spent fuel pool and a dry cask unit?
11. Describe the equipment and activities for the equipment laydown area.
12. Can ISFSI units be located under active transmission lines? If not, provide the standard that would prohibit locating ISFSI under active transmission line.
13. Provide four copies of the Transnuclear Final Safety Analysis Report.
14. Does Department of Environmental Protection (DEP) radiological division have any oversight of the proposed ISFSI? Are any permits required from DEP?
15. What is the level of radioactivity at the outside shell of the steel canister and at the outside shell of the horizontal storage module (HSM)? Provide existing and proposed occupational and general public radiological dose limits.
16. What happens to the HSM when the containerized spent fuel assemblies are removed from Millstone Power Station?
17. **Does Dominion Nuclear Connecticut have any reservations to the orders issued by the Town of Waterford? If so, list those reservations.**