

Petition No. 1079  
Dominion Nuclear Connecticut, Inc.  
Millstone, Waterford, Connecticut  
Staff Report  
December 12, 2013

On October 30, 2013, the Connecticut Siting Council (Council) received a petition from Dominion Nuclear Connecticut, Inc. (Dominion) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the installation of an approximate 10,000 square –foot storage building at the Millstone Power Station property in Waterford, Connecticut. Council Vice Chairman Jerry Murphy and Siting Analyst Robert Mercier visited the site on November 20, 2013 to review the proposal. Forrest Kocon and Janice Mawson represented Dominion at the field review. Notification was provided to the Town of Waterford prior to submission of the petition to the Council.

Pursuant to an order by the Nuclear Regulatory Commission that required the storage of emergency cooling equipment at nuclear sites across the country, Dominion proposes to install a dome shaped storage building on the Millstone property to house such emergency equipment. The building site is located in a maintained lawn area at the edge of a contractor parking lot, west of the power plant access road and south of the Amtrak rail line. The storage building is 115 feet in diameter and would extend to a height of 38 feet above ground level. The building would feature ring beam construction using extensive rebar and shotcrete, and would be able to withstand 300 mile per hour winds. Two garage doors on either side of the building would provide for equipment access.

Dominion would store auxiliary water pump equipment within the building that would be used in emergency situations. A Caterpillar heavy vehicle would also be located within the building to transport equipment to the power station.

Construction of the building would be entirely within previously disturbed areas. No trees would be removed during construction. Stormwater runoff would be directed east to existing swales located along the power plant access road. The building site is not within any mapped Natural Diversity database area.



*Proposed location. Orange cone represents center of dome building.*