

Dominion Nuclear Connecticut, Inc.  
Millstone Power Station  
Rope Ferry Road  
Waterford, CT 06385



**Dominion**<sup>SM</sup>

SEP 21 2001

Docket No. 50-423  
B18483

RE: 10 CFR 50.90

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

Millstone Power Station, Unit No. 3  
License Amendment Request Related to the Supplementary  
Leakage Collection and Release System (PLAR 3-98-5)

The purpose of this letter is to request the Nuclear Regulatory Commission (NRC) staff to suspend their review of our license amendment request,<sup>(1)</sup> until a supplemental (revised) calculation related to the dose consequences is completed and submitted to the NRC.

During a conference call between the NRC staff and Dominion Nuclear Connecticut, Inc., (DNC) personnel on August 29, 2001, the NRC raised questions related to the analysis of containment spray mixing rate during a design basis loss-of-coolant accident (LOCA). Specifically, the analysis uses an enhanced mixing model to quantify the spray coverage and the time dependent mixing rate between the unsprayed regions and the sprayed regions. During the conference call, the NRC indicated that based on their review, additional information would be needed for approval of the application of the mixing model relied upon in the Millstone Unit No. 3 license amendment request.<sup>(1)</sup> Containment spray coverage and the derived mixing rates are used to establish the iodine removal efficiency of the sprays and therefore have a direct impact on the associated post-accident dose assessment. DNC believes it is prudent to suspend further NRC review of the existing license amendment request,<sup>(1)</sup> until a revised (Supplemental) dose assessment using an NRC approved methodology is completed and submitted to the NRC.

DNC intends to submit the revised (Supplemental) dose assessment pertaining to the license amendment request, prior to January 31, 2002.

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<sup>(1)</sup> M. H. Brothers letter to the U.S. Nuclear Regulatory Commission, "Millstone Nuclear Power Station, Unit No. 3 - Proposed License Amendment Request SLCRS Bypass Leakage (PLAR 3-98-5)," dated June 6, 1998.

A001

The regulatory commitments contained in this letter are located in Attachment 1.

If you should have any questions in the above submittal, please contact Mr. Ravi Joshi at (860) 440-2080.

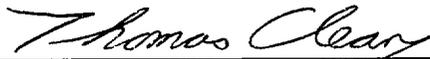
Very truly yours,

DOMINION NUCLEAR CONNECTICUT, INC.

  
\_\_\_\_\_  
J. Alan Price, Vice President  
Nuclear Technical Services - Millstone

Sworn to and subscribed before me

this 21<sup>ST</sup> day of SEPTEMBER, 2001



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Notary Public

My Commission expires FEBRUARY 28, 2006

cc: H. J. Miller, Region I Administrator  
V. Nerses, NRC Senior Project Manager, Millstone Unit No. 3  
NRC Senior Resident Inspector, Millstone Unit No. 3

Director  
Bureau of Air Management  
Monitoring and Radiation Division  
Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106-5127



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Attachment 1

Millstone Power Station, Unit No. 3

List of Regulatory Commitments

List of Regulatory Commitments

The following table identified action committed to by DNC in this document

Number	Commitments	Due
B18483-01	DNC intends to submit the revised (Supplemental) dose assessment pertaining to License Amendment Request PLAR 3-98-5 prior to January 31, 2002.	January 31, 2002