



January 18, 2012

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

Serial No. 11-620A
NSSL/WDC R0
Docket No. 50-336
License No. DPR-65

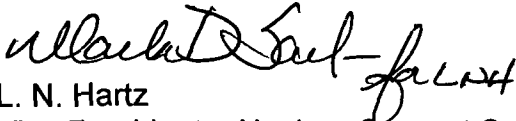
DOMINION NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 2
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION REGARDING THE
CYCLE 21 CORE OPERATING LIMITS REPORT (TAC NO. ME6365)

Dominion Nuclear Connecticut, Inc. (DNC) submitted the Millstone Power Station Unit 2 (MPS2) Cycle 21 Core Operating Limits Report (COLR) to the Nuclear Regulatory Commission (NRC) in a letter dated May 19, 2011. The COLR includes the values of cycle-specific parameter limits and is submitted to the NRC for information. In a letter dated October 24, 2011, the NRC transmitted a request for additional information (RAI) to DNC related to the MPS2 Cycle 21 COLR. In a letter dated November 30, 2011, DNC responded to the RAIs. In RAI Question 4, the NRC requested a proprietary AREVA engineering calculation which DNC agreed to provide by January 31, 2012.

The proprietary AREVA engineering calculation is provided in Attachment 1. The non-proprietary version of the calculation is provided in Attachment 2. It is respectfully requested that Attachment 1 be withheld from public disclosure in accordance with 10 CFR 2.390. The AREVA application for withholding and affidavit is provided in Attachment 3.

If you have any questions regarding this submittal, please contact Wanda Craft at (804) 273-4687.

Sincerely,


L. N. Hartz
Vice President – Nuclear Support Services

Attachments:

1. Millstone Unit 2 Cycle 21 Peaking Factor Uncertainty Analysis for ICI Detector Misalignment (Proprietary)
2. Millstone Unit 2 Cycle 21 Peaking Factor Uncertainty Analysis for ICI Detector Misalignment (Non-Proprietary)
3. AREVA Affidavit

A001
N146

Commitments made in this letter:

1. None

cc: U.S. Nuclear Regulatory Commission
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