

January 29, 2019



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

Serial No. 19-021
NRA/SS R0
Docket No. 50-423
License No. NPF-49

DOMINION ENERGY NUCLEAR CONNECTICUT, INC.
MILLSTONE POWER STATION UNIT 3
NOTIFICATION: IMPLEMENTATION OF GENERIC LETTER 83-11,
SUPPLEMENT 1 GUIDELINES TO ALLOW USE OF
TOPICAL REPORT SSP-14-P01/028-TR-P-A METHODOLOGY

This letter provides notification that Dominion Energy Nuclear Connecticut, Inc. (DENC) has instituted and documented the eligibility, training, procedures, benchmarking, and quality/change control processes for Millstone Power Station Unit 3 (MPS3) according to Attachment 1 of Nuclear Regulatory Commission (NRC) Generic Letter (GL) 83-11, Supplement 1, "Licensee Qualification for Performing Safety Analyses." These documents were generated under the DENC Quality Assurance program and are available for NRC audit.

GL 83-11, Supplement 1 provides guidelines for qualifying licensees to use NRC approved analysis methods for performing safety analyses. In order to document qualification, the licensee is required to send the NRC notification of having followed the guidelines at least three months before the date of its first intended licensing application.

Topical Report SSP-14-P01/028-TR-P-A, "Generic Application of the Studsvik Scandpower Core Management System to Pressurized Water Reactors," has been reviewed and generically approved by the NRC for the Pressurized Water Reactor (PWR) class of plants (Agencywide Documents Access and Management System Accession No. ML17279A986). DENC has performed an evaluation which documents that the guidelines delineated in GL 83-11, Supplement 1 have been met to allow the use of Topical Report SSP-14-P01/028-TR-P-A Core Management System 5 (CMS5) methodology. Specifically,

1. Topical Report SSP-14-P01/028-TR-P-A is an NRC generically approved methodology.
2. DENC has in-house application procedures to control use of the CMS5 methodology.
3. DENC is trained and qualified to use the CMS5 methodology.
4. DENC has performed comparison calculations to demonstrate the correct use of the CMS5 methodology.
5. DENC has the appropriate quality assurance and change control programs in place.

ADD
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The MPS3 Spring 2019 core reload will be the first licensing application of Topical Report SSP-14-P01/028-TR-P-A CMS5 methodology.

Additionally, as required by Topical Report SSP-14-P01/028-TR-P-A, DENC is providing notification that the generic Nuclear Reliability Factors presented in Table 4-25 of Topical Report SSP-14-P01/028-TR-P-A will be used for future safety-related core physics calculations performed for MPS3.

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

Sincerely,



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Commitments made in this letter: None

cc: U.S. Nuclear Regulatory Commission
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