

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



**Dominion™**

**JUN 25 2012**

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

Serial No. 12-399  
MPS Lic/GJC R0  
Docket Nos. 50-245  
50-336  
50-423  
License Nos. DPR-21  
DPR-65  
NPF-49

**DOMINION NUCLEAR CONNECTICUT, INC.**  
**MILLSTONE POWER STATION UNITS 1, 2, AND 3**  
**UPDATES TO THE DEFUELED SAFETY ANALYSIS REPORT**  
**AND FINAL SAFETY ANALYSIS REPORTS**

In accordance with 10 CFR 50.71(e), Dominion Nuclear Connecticut, Inc. (DNC) hereby submits revisions to Millstone Power Station Units 2 and 3 (MPS2 and MPS3) Updated Final Safety Analysis Reports (UFSARs). There were no revisions to the Millstone Power Station Unit 1 Defueled Safety Analysis Report.

DNC is submitting one CD-ROM which contains the electronic version of the MPS2 FSAR Revision 29.3 in the following files:

| <b>File Name</b>                                  | <b>File Description</b>   | <b>File Size &amp; Availability</b>  |
|---|---|--------------------------------------|
| 001_Dominion<br>Millstone2_Frontmatter_Chap02.pdf | MPS2 UFSAR Revision History, List of Abbreviations, List of Effective Sections, List of Effective Tables, List of Effective Figures, and Chapters 1 and 2 (all content) | 22,452,327 bytes, publicly available |
| 002_Dominion_Millstone2_Chap03_Chap05.pdf         | MPS2 UFSAR Chapters 3 and 4 (all content) and Chapter 5 (less figures)  | 32,304,991 bytes, publicly available |
| 003_Dominion_Millstone2_Chap05figures.pdf         | MPS2 UFSAR Chapter 5 Figures  | 47,622,374 bytes, publicly available |
| 004_Dominion_Millstone2_Chap06_Chap07.pdf         | MPS2 UFSAR Chapters 6 and 7 (all content)   | 47,877,589 bytes, publicly available |

FSME20  
A053  
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FSMC

|   |   |                                      |
|---|---|--------------------------------------|
| 005_Dominion_Millstone2_Chap08_Chap09.pdf | MPS2 UFSAR Chapter 8 (all content) and Chapter 9 (less figures)   | 28,323,970 bytes, publicly available |
| 006_Dominion_Millstone2_Chap09figures.pdf | MPS2 UFSAR, Chapter 9 Figures                                     | 27,406,295 bytes, publicly available |
| 007_Dominion_Millstone2_Chap10_Chap15.pdf | MPS2 UFSAR, Chapters 10 through 15 (all content)                  | 36,672,371 bytes, publicly available |
| 008_Dominion_Millstone2_TRM.pdf           | MPS2 Millstone Station Unit 2 Technical Requirements Manual (TRM) | 4,055,294 bytes, publicly available  |

DNC is also submitting one CD-ROM which contains the electronic version of MPS3 FSAR, Revision 24.4 in the following files:

| <b>File Name</b>                               | <b>File Description</b>  | <b>File Size &amp; Availability</b>  |
|--|--|--------------------------------------|
| 001_Dominion_Millstone3_Frontmatter_Chap01.pdf | Dominion MPS3 UFSAR Revision History, List of Effective Sections, List of Effective Tables, List of Effective Figures, and Chapter 1 (all content) | 4,910,888 bytes, publicly available  |
| 002_Dominion_Millstone3_Chap02andTables.pdf    | Dominion MPS3 UFSAR Chapter 2, Appendix 2.5A, and Tables 2.3-1 through 2.5.2-3   | 35,512,796 bytes, publicly available |
| 003_Dominion_Millstone3_Chap02Tables.pdf       | Dominion MPS3 UFSAR Chapter 2, Tables 2.5.2-4 through 2.5.4-24   | 32,549,472 bytes, publicly available |
| 004_Dominion_Millstone3_Chap2Appendices.pdf    | Dominion MPS3 UFSAR Chapter 2, Appendices 2.5B through 2.5M  | 39,335,322 bytes, publicly available |

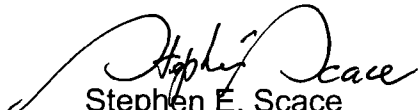
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|---|---|---|
| 005_Dominion_Millstone3_Chap02Figures_1.pdf       | Dominion MPS3<br>UFSAR Chapter 2,<br>Figures 2.1-1<br>through 2.5.1-12                                | 48,801,131<br>bytes,<br>publicly<br>available |
| 006_Dominion_Millstone3_Chap02Figures_2.pdf       | Dominion MPS3<br>UFSAR Chapter 2,<br>Figures 2.5.1-13<br>through 2.5.4-23                             | 49,963,228<br>bytes<br>publicly<br>available  |
| 007_Dominion_Millstone3_Chap02Figures_3.pdf       | Dominion MPS3<br>UFSAR Chapter 2,<br>Figures 2.5.4-24<br>through 2.5.5-7                              | 47,390,642<br>bytes<br>publicly<br>available  |
| 008_Dominion_Millstone3_Chap03andFigures.pdf      | Dominion MPS3<br>UFSAR Chapter 3<br>and Figures 3.2-1<br>through 3.8-3                                | 29,798,021<br>bytes<br>publicly<br>available  |
| 009_Dominion_Millstone3_Chap03Figures.pdf         | Dominion MPS3<br>UFSAR Chapter 3,<br>Figures 3.8-4<br>through 3A3-15                                  | 45,461,122<br>bytes,<br>publicly<br>available |
| 010_Dominion_Millstone3_Chapters4_5_6_all.pdf     | Dominion MPS3<br>UFSAR Chapters<br>4, 5, and 6 (all<br>content)                                       | 35,197,915<br>bytes,<br>publicly<br>available |
| 011_Dominion_Millstone3_Chapters7_8_all.pdf       | Dominion MPS3<br>UFSAR Chapters 7<br>and 8 (all content)  | 29,441,151<br>bytes,<br>publicly<br>available |
| 012_Dominion_Millstone3_Chap09andFigures.pdf      | Dominion MPS3<br>UFSAR Chapter 9<br>and Figures 9.1-1<br>through 9.3-2                                | 46,758,981<br>bytes,<br>publicly<br>available |
| 013_Dominion_Millstone3_Chap09Figs_Chap10_all.pdf | Dominion MPS3<br>UFSAR Chapter 9<br>Figures 9.3-3<br>through 9.5-7 and<br>Chapter 10 (all<br>content) | 40,980,479<br>bytes,<br>publicly<br>available |

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|---|--|---|
| 014_Dominion_Millstone3_Chap11and12.pdf | Dominion MPS3<br>UFSAR Chapters<br>11 and 12 (all<br>content)      | 31,933,991<br>bytes,<br>publicly<br>available |
| 015_Dominion_Millstone3_Chap15_FPER.pdf | Dominion MPS3<br>UFSAR Chapter 13<br>(all content)<br>through FPER | 23,985,793<br>bytes,<br>publicly<br>available |
| 016_Dominion_Millstone3_TRM.pdf         | Dominion MPS3<br>UFSAR MPS3 TRM                                    | 2,748,266<br>bytes,<br>publicly<br>available  |

The information given in the enclosed revisions accurately presents changes completed since the previous submittal.

If you have any questions or require additional information, please contact Mr. William D. Bartron, (860) 444-4301.

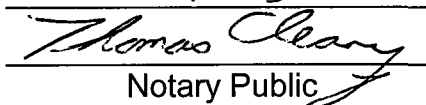
Sincerely,

  
Stephen E. Scace  
Site Vice President – Millstone

STATE OF CONNECTICUT  
COUNTY OF NEW LONDON

The foregoing document was acknowledged before me, in and for the County and State aforesaid, today by Stephen E. Scace, who is Site Vice President – Millstone of Dominion Nuclear Connecticut, Inc. He has affirmed before me that he is duly authorized to execute and file the foregoing document in behalf of that company, and that the statements in the document are true to the best of his knowledge and belief.

Acknowledged before me this 25<sup>TH</sup> day of JUNE, 2012.

My Commission Expires: FEBRUARY 28, 2016  
  
Notary Public

**THOMAS CLEARY  
NOTARY PUBLIC  
MY COMMISSION EXPIRES  
FEBRUARY 28, 2016**

Attachments: MPS1 DSAR CD ROM  
MPS2 FSAR CD-ROM  
MPS3 FSAR CD-ROM

Commitments made in this letter: None.

cc: (w/ attachments)

U.S. Nuclear Regulatory Commission  
Region I  
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King of Prussia, PA 19406-2713

NRC Senior Resident Inspector  
Millstone Power Station

cc: (w/o attachments)

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