

Dominion Energy Nuclear Connecticut, Inc.  
Millstone Power Station  
314 Rope Ferry Road, Waterford, CT 06385  
DominionEnergy.com



~~SECURITY RELATED INFORMATION WITHHOLD UNDER 10 CFR 2.390~~

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

JUN 24 2021

Serial No. 21-211  
MPS Lic/LD R0  
Docket Nos. 50-245  
50-336  
50-423  
License Nos. DPR-21  
DPR-65  
NPF-49

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

In accordance with 10 CFR 50.71(e), Dominion Energy Nuclear Connecticut, Inc. (DENC) hereby submits revisions to the Millstone Power Station Unit 1 (MPS1) Defueled Safety Analysis Report, Unit 2 (MPS2) and Unit 3 (MPS3) Updated Final Safety Analysis Reports (UFSARs).

Six CD-ROMs are enclosed in this submittal. Enclosure 1 contains a CD-ROM labeled as follows: Millstone Power Station Unit 1 Defueled Safety Analysis Report Revision 16 Docket No. 050-00245 – Security-Related Information – Withhold Under 10 CFR 2.390. The CD-ROM contains the electronic version of the MPS1 DSAR Revision 16 in the following file:

001 MPS1 DSAR	3,088,384	bytes
002 MPS1 DWGS	4,554,752	bytes
003 MPS1 TRM	256,000	bytes

This enclosure contains Security-Related Information that DENC requests be withheld from public disclosure in accordance with 10 CFR 2.390.

Enclosure 2 contains a CD-ROM labeled as follows: Millstone Power Station Unit 1 Defueled Safety Analysis Report Revision 16 Docket No. 050-00245 – Redacted Information. The CD-ROM contains the electronic version of the MPS1 DSAR Revision 16 in the following file:

001 MPS1 DSAR	2,035,712	bytes
002 MPS1 DWGS	9,555,968	bytes
003 MPS1 TRM	256,000	bytes

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**ENCLOSURES 1, 3 & 5 TO THIS LETTER CONTAIN ~~SECURITY RELATED INFORMATION~~ WHICH IS TO BE WITHHELD FROM PUBLIC DISCLOSURE UNDER 10 CFR 2.390. UPON REMOVAL OF ENCLOSURES 1, 3 & 5 THIS LETTER IS DECONTROLLED.**

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Enclosure 3 contains a CD-ROM labeled as follows: Millstone Power Station Unit 2 Updated Final Safety Analysis Report Revision 39 Docket No. 050-00336 – Security-Related Information – Withhold Under 10 CFR 2.390. The CD-ROM contains the electronic version of the MPS2 FSAR Revision 39 in the following file:

000 MPS2 UFSAR Frontmatter.pdf	3,876,864	bytes
001 MPS2 UFSAR Chapter 1.pdf	1,945,600	bytes
002 MPS2 UFSAR Chapter 2.pdf	12,900,352	bytes
003 MPS2 UFSAR Chapter 3.pdf	16,855,040	bytes
004 MPS2 UFSAR Chapter 4.pdf	17,031,168	bytes
005 MPS2 UFSAR Chapter 5.pdf	49,580,032	bytes
006 MPS2 UFSAR Chapter 6.pdf	8,816,640	bytes
007 MPS2 UFSAR Chapter 7.pdf	11,255,808	bytes
008 MPS2 UFSAR Chapter 8.pdf	3,350,528	bytes
009 MPS2 UFSAR Chapter 9.pdf	18,061,984	bytes
010 MPS2 UFSAR Chapter 10.pdf	495,616	bytes
011 MPS2 UFSAR Chapter 11.pdf	5,767,168	bytes
012 MPS2 UFSAR Chapter 12.pdf	247,808	bytes
013 MPS2 UFSAR Chapter 13.pdf	1,431,552	bytes
014 MPS2 UFSAR Chapter 14.pdf	37,560,320	bytes
015 MPS2 UFSAR Chapter 15.pdf	673,792	bytes
MPS2 UFSAR DWGS	63,016,690	bytes
MPS2 UFSAR TRM	7,266,304	bytes

This enclosure contains ~~Security-Related Information~~ that DENC requests be withheld from public disclosure in accordance with 10 CFR 2.390.

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Enclosure 4 contains a CD-ROM labeled as follows: Millstone Power Station Unit 2 Updated Final Safety Analysis Report Revision 39 – Redacted Docket No. 050-00336. The CD-ROM contains the electronic version of the MPS2 FSAR Revision 39 in the following files:

000 MPS2 UFSAR Frontmatter.pdf	3,876,864	bytes
001 MPS2 UFSAR Chapter 1.pdf	866,304	bytes
002 MPS2 UFSAR Chapter 2.pdf	11,350,016	bytes
003 MPS2 UFSAR Chapter 3.pdf	16,85,040	bytes
004 MPS2 UFSAR Chapter 4.pdf	17,031,168	bytes
005 MPS2 UFSAR Chapter 5.pdf	45,830,144	bytes
006 MPS2 UFSAR Chapter 6.pdf	8,816,640	bytes
007 MPS2 UFSAR Chapter 7.pdf	9,177,088	bytes
008 MPS2 UFSAR Chapter 8.pdf	1,290,240	bytes
009 MPS2 UFSAR Chapter 9.pdf	18,601,984	bytes
010 MPS2 UFSAR Chapter 10.pdf	495,616	bytes
011 MPS2 UFSAR Chapter 11.pdf	3,237,888	bytes
012 MPS2 UFSAR Chapter 12.pdf	247,808	bytes
013 MPS2 UFSAR Chapter 13.pdf	1,431,522	bytes
014 MPS2 UFSAR Chapter 14.pdf	37,560,320	bytes
015 MPS2 UFSAR Chapter 15.pdf	673,792	bytes
MPS2 UFSAR DWGS	139,032,576	bytes
MPS2 UFSAR TRM	7,266,034	bytes

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Enclosure 5 contains a CD-ROM labeled as follows: Millstone Power Station Unit 3 Updated Final Safety Analysis Report Revision 34 Docket No. 050-00423 – Security-Related Information – Withhold Under 10 CFR 2.390. The CD-ROM contains electronic version of MPS3 FSAR, Revision 34 in the following files:

000 MPS3 UFSAR Frontmatter.pdf	3,907,584	bytes
001 MPS3 UFSAR Chapter 1.pdf	2,871,296	bytes
002 MPS3 UFSAR Chapter 2.pdf	152,764,304	bytes
002 MPS3 UFSAR Chapter 2 (Tables & Appendices)	98,959,360	bytes
003 MPS3 UFSAR Chapter 3.pdf	46,761,984	bytes
004 MPS3 UFSAR Chapter 4.pdf	6,707,200	bytes
005 MPS3 UFSAR Chapter 5.pdf	4,429,824	bytes
006 MPS3 UFSAR Chapter 6.pdf	17,883,176	bytes
007 MPS3 UFSAR Chapter 7.pdf	6,971,392	bytes
008 MPS3 UFSAR Chapter 8.pdf	8,570,880	bytes
009 MPS3 UFSAR Chapter 9.pdf	21,192,704	bytes
010 MPS3 UFSAR Chapter 10.pdf	4,890,624	bytes
011 MPS3 UFSAR Chapter 11.pdf	3,452,928	bytes
012 MPS3 UFSAR Chapter 12.pdf	32,196,608	bytes
013 MPS3 UFSAR Chapter 13.pdf	1,112,064	bytes
014 MPS3 UFSAR Chapter 14.pdf	2,476,032	bytes
015 MPS3 UFSAR Chapter 15.pdf	15,136,768	bytes
016 MPS3 UFSAR Chapter 16.pdf	86,016	bytes
017 MPS3 UFSAR Chapter 17.pdf	90,112	bytes
018 MPS3 UFSAR Chapter 18.pdf	98,304	bytes
019 MPS3 UFSAR Chapter 19.pdf	577,536	bytes
MPS3 UFSAR FPER	4,194,304	bytes
MPS3 UFSAR DWGS	4,214,784	bytes
MPS3 TRM	4,214,784	bytes

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Enclosure 6 contains a CD-ROM labeled as follows: Millstone Power Station Unit 3 Updated Final Safety Analysis Report Revision 34 – Redacted Docket No. 050-00423. The CD-ROM contains electronic version of MPS3 FSAR, Revision 34 in the following files:

000 MPS3 UFSAR Frontmatter.pdf	3,907,584	bytes
001 MPS3 UFSAR Chapter 1.pdf	1,449,984	bytes
002 MPS3 UFSAR Chapter 2.pdf	105,748,480	bytes
002 MPS3 UFSAR Chapter 2 (Tables & Appendices)	98,959,360	bytes
003 MPS3 UFSAR Chapter 3.pdf	31,789,056	bytes
004 MPS3 UFSAR Chapter 4.pdf	6,707,200	bytes
005 MPS3 UFSAR Chapter 5.pdf	4,429,824	bytes
006 MPS3 UFSAR Chapter 6.pdf	14,514,176	bytes
007 MPS3 UFSAR Chapter 7.pdf	6,971,392	bytes
008 MPS3 UFSAR Chapter 8.pdf	8,450,048	bytes
009 MPS3 UFSAR Chapter 9.pdf	21,192,704	bytes
010 MPS3 UFSAR Chapter 10.pdf	4,890,624	bytes
011 MPS3 UFSAR Chapter 11.pdf	3,452,928	bytes
012 MPS3 UFSAR Chapter 12.pdf	2,742,272	bytes
013 MPS3 UFSAR Chapter 13.pdf	1,038,336	bytes
014 MPS3 UFSAR Chapter 14.pdf	2,476,032	bytes
015 MPS3 UFSAR Chapter 15.pdf	15,136,768	bytes
016 MPS3 UFSAR Chapter 16.pdf	86,016	bytes
017 MPS3 UFSAR Chapter 17.pdf	90,112	bytes
018 MPS3 UFSAR Chapter 18.pdf	98,304	bytes
019 MPS3 UFSAR Chapter 19.pdf	577,536	bytes
MPS3 UFSAR FPER	1,871,872	bytes
MPS3 UFSAR DWGS	214,413,312	bytes
MPS3 UFSAR	4,214,784	bytes


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Should you have any questions, please contact Mr. Jeffrey A. Langan, (860) 444-5544.

Sincerely,

  
John R. Daugherty  
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 John R. Daugherty, who is Site Vice President – Millstone of Dominion Energy 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 24<sup>TH</sup> day of JUNE, 2021.

My Commission Expires:

APRIL 30, 2026

**TIMOTHY F. OLSOWY**  
NOTARY PUBLIC  
State of Connecticut  
My Commission Expires  
April 30, 2026

  
Notary Public

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Enclosures: 4

Commitments made in this letter: None.

cc: (w/ enclosures)

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NRC Senior Resident Inspector  
Millstone Power Station

cc: (w/o enclosures)

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