MILLSTONE POWER STATION
UNIT 3
FINAL SAFETY ANALYSIS REPORT

Revision 36—06/29/23

Revision Summary

Revision 36—06/29/23

Revision	Revision Release Date	Change Activity	Document Elements Affected (Sections, Tables, Figures)	**Summary Description of Changes** Made under the provisions of 10 CFR 50.59 except where indicated in brackets.
36	06/29/23	MP3-UCR-2020-005	Table 9.5-6	Update to FSAR Table 9.5-6 due to Replacement of Feedwater Heater 3CNM-E4B MP3-18-01090
36	06/29/23	MP3-UCR-2020-006	Figure 3.8-62 (Sheets 1,2 &9), Table 9.2-10, FPER	3CCE*E1B Small Bore Piping Tie-In MP3-18-00110
36	06/29/23	MP3-UCR-2021-002	Various	Millstone Unit 3 MUR and Generator Upgrade Design Changes Various ECs and ETEs
36	06/29/23	MP3-UCR-2021-007	9.1.4.3.1	MP3 Refueling Machine Upgrades MP3-20-01069
36	06/29/23	MP3-UCR-2021-009	Table 9.5-6	Update to FSAR Table 9.5-6 due to Replacement of Feedwater Heater 3CNM-E4A MP3-20-01068
36	06/29/23	MP3-UCR-2021-013	Table 3.2-1, 9.2.1.3	Unit 3 Train "B" Service Water Strainer Blowdown Piping Inprovements DesgnChangeMP3-21-01043

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36	06/29/23	MP3-UCR-2022-002	4.2.1, 4.2.1.1, 4.2.1.2, 4.2.1.3, 4.2.3, 4.2.3.1, 4.2.3.2, 4.2.3.3, 4.2.5, 4.3.1.3, 4.3.2.2.5, 4.3.2.2.6, 4.3.4, 4.4.1.2, 4.4.2.1, 4.4.2.9.1, 4.4.2.11, 4.4.2.11.1, 4.4.2.11.2, 4.4.2.11.3, 4.4.2.11.4, 4.4.2.11.5, 4.4.2.11.6, 4.4.4.2.3, 4.4.4.3.1, 4.4.7, 6.2.1.5, 6.2.1.5.1, 6.2.1.5.2, 6.2.1.5.4, 6.2.1.5.6, 6.2.1.5.7, 6.2.7, 9.3.4.3.1, 15.0.3.4, 15.0.9.3, 15.0.11, 15.2.6.1, 15.2.6.2, 15.2.7.2, 15.2.8.2, 15.2.9, 15.3.3.2, 15.3.5, 15.4.6.1, 15.4.8.1.1, 15.4.8.1.2, 15.4.8.2, 15.4.8.2.1, 15.4.9, 15.5.1.2, 15.6.5.2, 15.6.5.2.1, 15.6.5.2.2, 15.6.5.2.3, 15.6.5.2.4, 15.6.5.2.5, 15.6.5.2.6, 15.6.7, Tables 4.1-1, 4.4-1, 6.2-60, 6.2-72, 6.2-77, 15.0-2, 15.0-9, 15.2-1, 15.3-2, 15.4-1, 15.6-5,	Implementation of PAD5, FSLOCA, and the Updated BRAT Analysis Emergency Boration Time Requirement ETE-NAF-2021-0128

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36	06/29/23	MP3-UCR-2022-002	15.6-6, 15.6-7, and 15.6-8, Figures 4.4-7, 6.2-59, 6.2-60, 15.2-1, 15.2-6, 15.2-9, 15.2-9A, 15.2-10, 15.2-10A, 15.2-11, 15.2-11A, 15.2-12, 15.2-12A, 15.2-13, 15.2-14, 15.2-15, 15.2-16, 15.2-17, 15.2-18, 15.2-19, 15.2-20, 15.2-21, 15.2-22, 15.2-23, 15.2-24, 15.3-12, 15.4-1, 15.4-3, 15.4-26, 15.4-27, 15.4-28, 15.4-29, 15.6-4, 15.6-8, 15.6-9, 15.6-10, 15.6-11, 15.6-12, 15.6-13, 15.6-14, 15.6-15, 15.6-16, 15.6-17, 15.6-18, 15.6-19, 15.6-20, and 15.6-21	Implementation of PAD5, FSLOCA, and the Updated BRAT Analysis Emergency Boration Time Requirement ETE-NAF-2021-0128

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36	06/29/23	MP3-UCR-2022-004	4.3.1.5, 4.3.2.2.1, 4.3.2.3, 4.3.2.3.3, 4.3.4, 4.4.1.1, 4.4.7, 6.2.1.1.3.6.2, 9.2.1.3, 9.5.8.3, 10.4.9.3, 15.0.10.4, 15.0.10.7, 15.1.5.2, 15.1.5.2, 15.1.6, 15.4.3.2, 15.7.4.2.3, FPER page ix, FPER page 5, Figures 3.8-62, 3.8-72, 15.1-14, Tables 15.0-2, 15.7-8	Correct identified MPS 3 FSAR errors CR1194532, MP3-UCR-2016-023, MP3-UCR-2019-003, MP3-UCR-2019-019, MP3-UCR-2019-024. MP3-UCR-2019-025, MP3-UCR-2020-008
36	06/29/23	MP3-UCR-2018-012	FPER, Section 5.5	Fire Detection System Upgrade, Zone Panel 6 MP3-18-00190
36	06/29/23	MP3-UCR-2022-007	5.2.5, 9.3.3.2.3	FSAR update for MP3 RCP Seal Atmospheric Leakoff Collection CR 1202512
36	06/29/23	MP3-UCR-2022-011	9.2.2.2.1, 9.2.2.3.1, Table 9.2-7	Update the Neutron Shield Tank Cooler Heat Load in FSAR Table 9.2-7and Clarify the Design Basis in Section 9.2.2.3.1 ETE-MP-2021-1007
36	06/29/23	MP3-UCR-2018-013	FPER, Section 5.5	Fire Detection System Upgrade, Zone Panel 4 MP3-18-00191
36	06/29/23	MP3-UCR-2018-014	FPER, Section 5.5	Fire Detection System Upgrade, Zone Panel 3 MP3-18-00192

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36	06/29/23	MP3-UCR-2022-008	7.3.1.1.5	Unit 3 Emergency Diesel Generator Actuation Timer Testing Frequency Changed In Accordance With Surveillance Frequency Control Program Surveillance Test Interval Evaluation STI-M3-2022-002, "U3 EDG Actuation Timer Test Frequency Extension"
36	06/29/23	MP3-UCR-2023-003	FPER Appendix B	[FSAR update to incorporate ETE-MP-2021-1025, "Alternatives to Dry Chemical Extinguishers - Evaluation of Equivalency/Acceptability" ETE-MP-2021-1025]
36	06/29/23	MP3-UCR-2022-001	FSAR 5.4.1.3.1	[Update FSAR Section 5.4.1.3.1 to add Tungsten Carbide for RCP Seal Rotating Face Material MP3-21-01113]

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35	06/30/22	MP3-UCR-2020-013	6.2.2.3, Table 9.2-1, Table 9.2.-2	Update Required SW Flow Rate, Heat Transfer to MP3 SW Heat Exchangers CR1166683
35	06/30/22	MP3-UCR-2021-014	Table 6.2-65	Update to Correct the Closure Stroke Time Requirement for 3QSS*MOV34/AB CR1170181/CA8451868

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35	06/30/22	MP3-UCR-2021-015	5.4.3.2	Pressurizer Small Class 2 Steam Space Lines Use-As-Is Disposition ETE-MP-2021-1041
35	06/30/22	MP3-UCR-2021-016	Appendix 7.5A Deviation Number 29, Table 7.5-1 Item E3	Actual Indicated Range Change for 3HVR*FT19 SLCRS Process Flow to Millstone Stack ETE-MP-2021-1065
35	06/30/22	MP3-UCR-2021-017	Table 1.3-12, Table 1.3-14, Table 3.6-1, 9.2.2.1, 9.2.8, 9.3.3, 9.3.3.2.2, 9.3.5.2, Table 9.3-1, 10.4.10, 11.2.2.1, Table 11.2-2, Table 11.2-3, 11.3, 11.4, 11.4.2.1.2, Table 11.4-4, 12.3.2.1, FPER	Abandonment of Waste Evaporator System (REA 0786) PA 7376113, REA 0786
35	06/30/22	MP3-UCR-2021-018	4.1, 4.2, 4.3.1, 4.3.2, 4.4.2, 4.4.3, 4.4.4, 4.4.7, 6.2.1, 11.2.3, 11.3.3, 15.0.3, 15.0.8, 15.1.1, 15.1.2, 15.1.3, 15.1.4, 15.2.3, 15.2.6, 15.2.7, 15.2.8, 15.4.1, 15.4.2, 15.4.3, 15.5.1, 15.5.2, 15.6.1, 15.6.3, Tables 4.4-1, 4.1-2, 4.4-1, 6.2-1, 6.2-6H, 6.2-7, 6.2-23, 15.0-1, 15.0-2, 15.0-3, 15.1-3, 15.4-3, 5.4-5, 15.6-3, 15.6-9, 15.6-15, Figures 4.4-8, 6.2-8, 15.4-10, 15.5-1, 15.5-2	Millstone Unit 3 Measurement Uncertainty Recapture Safety Analysis Implementing ETE FSAR Package ETE-NAF-2021-0020

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35	06/30/22	MP3-UCR-2021-019	10.4.5.1, 10.4.5.2	Clarification of MPS3 Screen Wash System Back-up Functions Design Change Notice DM2-01-0124-08
35	06/30/22	MP3-UCR-2022-003	4.3.1.5, 4.3.2.6, List of Figures 9.1.2.2, Figure 9.1-22	Millstone Unit 3 NRC Identified Omission and Grammatical Errors Corrections CR1191483
34.02	01/27/21	MP3-UCR-2016-016	FPER Section 5.5 Analysis 20	The Fire Protection Evaluation Report (FPER) is updated to reflect the new types of combustible materials installed in fire area CSW-2 by DC MPG-15-01053 MPG-15-01053
34.02	01/27/21	MP3-UCR-2020-010	Figure 8.1-3	345kV Switch 15G-10T-4 Replacement MP2-19-01182
34.02	01/27/21	MP3-UCR-2021-024	Table 1.10-1	Update "Design Control Manual" Historical Reference in Table 1.10-1 TMI Action Items PA8379726
34.01	09/30/21	MP3-UCR-2018-011	FPER Sections 4.1.4 and 5.5	Fire Detection System Upgrade, Zone Panel 2 MP3-18-00189
34.01	09/30/21	MP3-UCR-2018-018	9.5.2, FPER 4.5	FSAR change to update Communications System for replacement of Trunked Radio System. MPG-15-01007, CR499771
34.01	09/30/21	MP3-UCR-2020-012	5.4.7.2.1, 5.4.7.2.2, 6.3.2.2.3, Figure 5.4-6, Table 5.4-9	Non-substantive change to the maximum flow rate set point of the RHS mini-flow MOVs to close CR1148061/CA8046113

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34.01	09/30/21	MP3-UCR-2021-008	19.2.1.16, Table 19.6-1	Deletion of Chapter 19 Commitment 14 ETE-MP-2021-1028

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34	06/30/21	MP3-UCR-2021-003	1.11, 17.1	Incorporating Quality Assurace Program Description by Reference CA8102163
33.02	03/31/21	MP3-UCR-2013-028	2.1.2.5	Reflects update to discussion of ISFSI. MPG-13-01192
33.02	03/31/21	MP3-UCR-2015-022	9.5.3.1, FPER Analysis 56, FPER Analysis 57	Update the SAR to upgrade the existing lighting on the 52'-4" elevation of the Fuel Building to support the transfer cask and DSC preparation activities at the loading area location. MP3-15-01021
33.02	03/31/21	MP3-UCR-2016-011	Figure 3.9N-4	Reflects CRDM Eye Bolt Leakage Repair. DC: MP3-16-01053
33.02	03/31/21	MP3-UCR-2016-019	8.1.3	MP3 FSAR Update To Document The Addition Of The Open Phase Detection Relay Schemes On The High Voltage Side Of The Generator Step-up And Rsst Transformers MP3-15-01027

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33.02	03/31/21	MP3-UCR-2018-008	1.8, Table 1.8-1	Unit 3 SAR change for TSTF-522, Revision 0, "Revise Ventilation System Surveillance Requirements to Operate for 10 Hours per Month." LBDCR 18-MP3-009
33.02	03/31/21	MP3-UCR-2018-019	Table 10.3-2	Update to Table 10.3-2 "Materials of Main Steam Safety Valves" MP3-18-01086
33.02	03/31/21	MP3-UCR-2019-016	3.1.2.62, 4.3.1.5, 4.3.2.6, 9.1.1.1, 9.1.1.3, 9.1.2.1, 9.1.2.2, 9.1.2.3, 9.1.3.2, 9.1.4.2.1, 9.1.6, Figure 9.1-22	Millstone Unit 3 Spent Fuel Pool Criticality and New Fuel Storage Area Analysis. LBDCR 17-MP3-009, LA7438725
33.02	03/31/21	MP3-UCR-2019-025	Table 3.6-4, Figure 3.8-62 (Sheets 1,2,&9 of 10), 9.2.2.4.2, Tables 9.2-2 and 9.2-10, FPER Section 5 Analysis 2, FPER Section 5 Analysis 5	3CCE*E1A Small Bore Piping Tie-In MP3-18-00117
33.02	03/31/21	MP3-UCR-2019-027	Figure 8.1-1	Reserve Station Service Transformer Primary Disconnect Switch Replacements MP3-18-01083
33.02	03/31/21	MP3-UCR-2020-002	Figure 8.1-3	345kV Switch 15G-18T-8 Replacement MP3-18-01094

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33.02	03/31/21	MP3-UCR-2020-007	FPER Analysis 74, FPER Analysis 75	Reserve Station Service Transformer Replacements MP3-18-01082
33.02	03/31/21	MP3-UCR-2020-011	6.2.6.4	Containment Isolation Valve Testing (Type C) Frequency Increase from 60 Months to 75 Months MP3 Technical Specification Amendment 276 Type A and Type C Test Intervals
33.02	03/31/21	MP3-UCR-2020-015	7.7.1.3.2	Digital Rod Position Indication System Coil #20 for H12 Temporary Bypass Information Update MP3-19-01096
33.02	03/31/21	MP3-UCR-2020-014	Table 6.2-7A	Correct the decay heat generation rate value for 40,000 seconds in MPS3 FSAR Table 6.2-7A to match that presented and approved in FSARCR 07-MP3-038 CR1159059 and CA8197216
33.02	03/31/21	MP3-UCR-2020-018	9.5.1	Replacing ENRS (ARCOS) with DEENS (Everbridge) MP-20-04-00 - EP-AA-101-Attachment 2, 50.54(q), for change from Emergency Notification & Response System (ENRS) to Dominion Energy Emergency Notification System (DEENS)
33.02	03/31/21	MP3-UCR-2020-015	7.7.1.3.2	Digital Rod Position Indication System Coil #20 for H12 Temporary Bypass Information Update MP3-19-01096

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33.02	03/31/21	MP3-UCR-2020-014	Table 6.2-7A	Correct the decay heat generation rate value for 40,000 seconds in MPS3 FSAR Table 6.2-7A to match that presented and approved in FSARCR 07-MP3-038 CR1159059 and CA8197216
33.02	03/31/21	MP3-UCR-2020-018	9.5.1	Replacing ENRS (ARCOS) with DEENS (Everbridge) MP-20-04-00 - EP-AA-101-Attachment 2, 50.54(q), for change from Emergency Notification & Response System (ENRS) to Dominion Energy Emergency Notification System (DEENS)
33.01	09/30/20	MP3-UCR-2015-024	Figure 8.1-3	Update the SAR to reflect Eversource replacement of the PT installed on the "A" phase of 310-15G-2H with a CCVT as part of the Millstone 15G Substation, High Creep Insulator Project ETE-MP-2020-1020
33.01	09/30/20	MP3-UCR-2019-020	12.5	Change "annual retraining" frequency to "periodic retraining" in Chapter 12, Section 12.5 of Unit 3 FSAR. Provide exemption statement to Regulatory Guide 8.27, Revision 0 for recommended annual retraining frequency. CR1116135/CA7524012 and Efficiency Bulletin 16-26b

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33.01	09/30/20	MP3-UCR-2020-001	9.2.1.2, 9.2.1.4, 19.2.1.20	MP3 Service Water Thermal Performance Testing Elimination ETE-MP-2019-1084
33.01	09/30/20	MP3-UCR-2020-008	6.2.1.1, 6.2.1.2, 6.2.1.3, 6.2.1.4, 6.2.7	Implementation of PWROG-17034-P-A ETE-NAF-2020-0057
33.01	09/30/20	MP3-UCR-2020-009	15.3.3.2, 15.2-2, Figure 15.3-10 Note	Update MPS3 Locked Rotor Event for Reactor Coolant System Overpressure to address legacy issue in NSAL-09-2 ETE-NAF-2020-0053

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33	06/30/20	MP3-UCR-2019-026	3.6.2.1.2.2.f, 3.6.3.3.6-14, 6.6.3	Risk informed methodology reference now being credited within the ISI Program ETE-MP-2019-1004
32.01	03/31/20	MP3-UCR-2019-019	Table 3.2-1, 9.2.1.3, 9.5.8.3, 10.3.3, 10.4.9.3	Tornado Missile Protection Documentation Issues. CR112287
32.01	03/31/20	MP3-UCR-2019-024	15.7.4, Table 1.7-8, Table 15.6-12, table 15.0-8	FHA drop of a Non-Spent Fuel Assembly. ETE-NAF-2019-0110
32.01	03/31/20	MP3-UCR-2020-003	9.5.3.1	High-bay/Medium-height Lighting Clarification
32.01	03/31/20	MP3-UCR-2019-022	15.8	Updated ATWS Analysis for Millstone Unit 3 ETE-NAF-2019-0094

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32.01	03/31/20	MP3-UCR-2018-017	Table 6.2-65, Table 6.3-70	MP3 10CFR50 Appendix J Reduction of Containments Isolation Valve Test Requirements associated with ETE-MP-2018-1006.
32.01	03/31/20	MP3-UCR-2019-021	9.5	Unit 3 SAR change allowing Jacket Water make up to the Emergency Diesel Generators. ETE-MP-2019-1080
32.01	03/31/20	MP3-UCR-2018-009	4.1.4, 5.5	Fire Detection System Upgrade, Control Room Console and Zone Panel 7. MP3-18-00187
32.01	03/31/20	MP3-UCR-2019-015	Table 15.0-2, 15.5.1, 15.5.2, 15.5.4 (References)	Implementation of Safety Analysis for Inadvertent Operation of ECCS. ETE-NAF-2019-0033
32.01	03/31/20	MP3-UCR-2016-023	8.3.1.1.1, Fig. 8.1-1 FSAR, FPER	MP3 NSST Replacement. MP3-16-01121
32.01	03/31/20	MP3-UCR-2019-010	FSAR 9.5.7	Raise MP3 EDG Lube Oil Low Temperature Alarm (3EGO*TS25A/B) MP3-19-01021
32.01	03/31/20	MP3-UCR-2019-006	FSAR	SAR Change for Replacement MP3 Vacuum Priming Piping. MP3-18-01102

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32.01	03/31/20	MP3-UCR-2019-003	4.3.1.5, 4.3.2.1, 4.3.2.2, 4.3.2.2.6, 4.3.2.3, 4.3.2.3.1, 4.3.2.3.2, 4.3.2.3.3, 4.3.2.3.4, 4.3.2.4.9, 4.3.2.7.6, 4.3.3, 4.3.3.1, 4.3.3.2, 4.3.3.3, 4.3.4, 4.4.1.1, 4.4.1.5, 4.4.2.2, 4.4.2.2.1, 4.4.2.2.2, 4.4.2.2.3, 4.4.2.2.4, 4.4.2.4, 4.4.2.9.5, 4.4.2.9.8, 4.4.2.7.3, 4.4.2.11.6, 4.4.4.2, 4.4.4.3, 4.4.4.5, 4.4.4.7, 15.0.3.1, 15.0.3.2, 15.0.3.3, 15.0.10.2, 15.0.10.3, 15.0.10.4, 15.0.10.6, 15.0.10.7, 15.0.11, 15.1.2.2, 15.1.3.2, 15.1.4.1, 15.1.5.1, 15.1.5.2, 15.1.5.3, 15.1.6, 15.2.3.3, 15.2.9, 15.3.1.2, 15.3.2.2, 15.3.5, 15.4.1.2, 15.4.2.2, 14.4.3.2, 15.4.6.2, 15.4.8.2.1, 15.4.9, 15.6.1.2, 15.6.7, Figures: 15.0-1, 15.1-2, 15.1-11, 15.1-14, 15.1-15, 15.1-15A, 15.1-16, 15.1-16A, 15.1-17, 15.1-17A, 15.2-4, 15.3-4, 15.3-8, 15.3-16, 15.4-1, 15.4-3, 15.4-4, 15.4-5, 15.4-6, 15.4-7, 15.4-8, 15.4-9, 15.4-10, 15.4-11, 15.4-12, 15.6-1,	Implementation of Dominion Reload Core Design and Safety Analysis Methods ETE-NAF-2019-005

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32.01	03/31/20	MP3-UCR-2019-003 (con't)	Tables: 4.1-1, 4.1-2, 4.4-1, 4.4-4(new), 15.0-2, 15.0-4, 15.1-1, 15.4-1, 15.4.2 (deleted)	

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32	06/27/19	MP3-UCR-2019-009	4.2.2.3.1, 4.2.2.3.1.1, 4.2.2.3.3	Millstone Unit 3 FSAR Changes associated with the Cycle 20 Reload Safety Evaluation. EVAL-ENG-RESE-M3C20
32	06/27/19	MP3-UCR-2019-013	8.3.2.1.2.4, 8.3.2.1.2.2, 1.8-10, 1.8-60	Extending Frequencies of Unit 3 Battery Discharge Testing and Battery Charger Load Testing, as specified in STI-M3-2017-002. STI-M3-2017-002, ETE-MP-2019-1024
31.2	12/28/18	MP3-UCR-2017-010	Table 1.7-1, 6.3.3.2, 6.3.4.2, Table 6.3-10, 7.3.1.1.5, Table 7.4-1, 8.3.1.1.3	Revise FSAR Table 6.3-10 to be consistent with Table 3.9N-11 per ACE CA3054810. Revise Section 6.3.4.2 to clarify that specifically one charging can be out of service for maintenance. ACE CA3054810
31.2	12/28/18	MP3-UCR-2018-020	4.4.64	Loose Parts Monitor MP3-UCR-2018-005
31.1	09/27/18	MP3-UCR-2016-017	10.3.5, 10.4.7.2	Addition of Polymeric Dispersant feedwater system MP3-16-01046

Revision 32—06/27/19

Revision	Revision Release Date	Change Activity	Document Elements Affected (Sections, Tables, Figures)	**Summary Description of Changes** Made under the provisions of 10 CFR 50.59 except where indicated in brackets.
31.1	09/27/18	MP3-UCR-2018-005	4.4.6.4	Loose Parts Monitoring System update. LBDCR 18-MP3-008, TRM 3.3.3.8
31.1	09/27/18	MP3-UCR-2018-006	9.5.6.2, 9.5.6.5	Setpoint Change “A” and “B” EGA Starting Air. MP3-18-00150, MPE-18-00151
31.1	09/27/18	MP3-UCR-2018-007	Table 9.2-1	Update of FSAR Table 9.2-1 to reflect EDG Downtube Coating. ETE-MP-2017-1100

Revision 31—06/28/18

Revision	Revision Release Date	Change Activity	Document Elements Affected (Sections, Tables, Figures)	**Summary Description of Changes** Made under the provisions of 10 CFR 50.59 except where indicated in brackets.
31	06/28/18	MP3-UCR-2015-001	9.2.2.1.2, 9.3.1.1.1, 9.3.1.1.2	Reflects updates to provide clarification text for shutdown air compressors. OP 3332A-001, OP 3332A-004, OP 3332A-015, OP 3332A-030, DCR M3-97005, CR285627
30.3	03/29/18	MP3-UCR-2017-004	2.3.3.3	Data Recording Systems and Data Processing, is updated to reflect the removal of the EDAN field minicomputers from the Meteorological instrument shelters at the Primary and Backup Mast locations and their relocation to the MPS Datacenter. DC: MPG-16-01139
30.3	03/29/18	MP3-UCR-2018-001	Table 6.3-7	Update FSAR Table 6.3-7 Switchover procedure to agree with EOP ES-1.3 Transfer to Cold Leg Recirculation. LA3019642

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30.3	03/29/18	MP3-UCR-2018-004	5.4.1.3.1	Update MP3 Reactor Coolant Pump Seal Materials. DC: MP3-13-01055 DC: MP3-14-01022 CR: CR1083652
30.2	12/28/17	MP3-UCR-2017-008	9.5.10.2, 11.5.2.2.8	Missed updates of the hydrogen monitoring system modification M3-04007 DCR: M3-04007
30.2	12/28/17	MP3-UCR-2017-018	4.1, 4.2.1, 4.2.1.1, 4.2.2, 4.2.2.3.3, 4.2.4.2, 15.0.3.2, 15.2.7.2, 15.5.1.1, Table 15.6-2	FSAR Change No. in order to support the M3C19 reload. EVAL-ENG-RSE-M3C19
30.1	09/28/17	MP3-UCR-2015-031	11.2.2.1, 11.4.1, 11.4.2.2, 11.4.2.2.2, 11.4.2.7	Replacement of the Portable resin handling and dewatering system with a vendor supplied solid radioactive waste processing system. MP3-15-01066
30.1	09/28/17	MP3-UCR-2016-004	8.1.3, 8.2.2	Eversource 15G Breaker Failure Relay Replacement. ETE-MP-2015-1186
30.1	09/28/17	MP3-UCR-2016-008	FPER Section 5.5 - Analysis 90	Replacement of the portable handling and dewatering system with the Energy Solutions ALPS/AIM and SEDS systems. MP3-15-01066
30.1	09/28/17	MP3-UCR-2016-015	List of Effective Figures, 9.3.1.3 (new), FPER Section 5.5 Analysis 87, FPER Section 5.5 Analysis 101 (new)	Installation of a backup electric motor-driven air compressor and desiccant air dryer powered by a diesel generator that will be connected to the MP3 Instrument Air System (IAS). MP3-15-01137

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Revision	**Revision Release Date**	**Change Activity**	**Document Elements Affected (Sections, Tables, Figures)**	**Summary Description of Changes** Made under the provisions of 10 CFR 50.59 except where indicated in brackets.
30.1	09/28/17	MP3-UCR-2016-022	8.1.1, 8.1.3, 8.1.4, Figure 8.1-2, Figure 8.1-3, 8.2.1, 8.2.2, Figure 8.2-2	Eversource Energy proposes to reconfigure the 345kV Millstone - Haddam - Beseck 348 03. ETE-MP-2016-1135
30.1	09/28/17	MP3-UCR-2017-007	Table 9.3-6	Unit 3 Reactor Coolant Pump Seal Replacement additional FSAR changes missed during the initial project. MP3-13-01055, MP3-14-01022
30.1	09/28/17	MP3-UCR-2017-009	9.3.5.2, Table 11.4-1	Modify U3 FSAR to correct item related to previous Thermal Regeneration FSAR Change FSAR 01-MP3-042
30.1	09/28/17	MP3-UCR-2017-012	10.4.7.3, 10.4.8.5, 9.2.1.5	Fix inconsistencies in Sections 9.2.6.5 and 10.4.7 LA3019645 Recovery Plan Action Item 5.a.23 Reconcile FSAR Comments

Revision 30—06/29/17

Revision	**Revision Release Date**	**Change Activity**	**Document Elements Affected (Sections, Tables, Figures)**	**Summary Description of Changes** Made under the provisions of 10 CFR 50.59 except where indicated in brackets.
30	06/29/17	Administrative	As identified in the 2017 NRC Submittal List of Changed Pages and submitted Summary of Change.	Major Revision issued for the purpose of 2017 NRC Submittal. Updated footer on all pages to reflect Revision 30.
29.3	03/30/17	MP3-UCR-2016-018	2.4.7, 2.4.11.6, 10.4.5.2	Reference to and discussion regarding the recirculation tempering line is removed from these sections. MP3-16-01042

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Revision	**Revision Release Date**	**Change Activity**	**Document Elements Affected (Sections, Tables, Figures)**	**Summary Description of Changes** Made under the provisions of 10 CFR 50.59 except where indicated in brackets.
29.3	03/30/17	MP3-UCR-2015-018	Table 9.2-5	Reflects replacement of CCP HX E1B. MP3-14-01187
29.2	12/22/16	MP3-UCR-2016-021	8.1.3	Eversource 348 line teleprotection.
29.2	12/22/16	MP3-UCR-2016-020	19.2.1.20	MP3 HVK Chiller Service Water Thermal Performance Testing Elimination
29.2	12/22/16	MP3-UCR-2016-013	FPER, Section 5.5 Analysis 56	Loading, closure and transfer activities for the transfer of spent fuel from the Unit 3 SFP to the site ISFSI utilizing the NUHOMS® Dry Shielded Canister (DSC) and Transfer Cask (TC).
29.2	12/22/16	MP3-UCR-2016-005	9.1.2, Figure 15.0-31	FSAR Section 9.1.4.2.6 is added to the FSAR to describe the dry storage option of Unit 3 spent fuel at the ISFSI.
29.2	12/22/16	MP3-UCR-2015-009	2.1.2.5	Updating the SAR to extend the Heavy Haul Road to Unit 3 Fuel Building
29.2	12/22/16	MP3-UCR-2013-016	Table 6.2-63, Table 9.4-3, Table 9.4-8	Implementation of an open phase protection system which protects important to safety equipment from the potentially detrimental effects of an open phase event.
29.1	09/29/16	MP3-UCR-2016-014	Chapter 8 List of Figures; Sections 8.1.3; 8.2.1; 8.2.2; Figure 8.2-1; Figure 8.2-2	Unit 3 SLOD Removal (LBDCR 15-MP3-006)
29.1	09/29/16	MP3-UCR-2016-012	Section 5.3.1.6	Update Capsule withdrawal schedule on page 5.3-6. (TRM Change 16-MP3-007)
29.1	09/29/16	MP3-UCR-2016-010	Section 10.4.8.1, Table 10.1-1	Change to the Steam Generator blowdown system venturi volumetric flow to differential pressure relationship (DC: MP3-10-01139)

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Revision	**Revision Release Date**	**Change Activity**	**Document Elements Affected (Sections, Tables, Figures)**	**Summary Description of Changes** Made under the provisions of 10 CFR 50.59 except where indicated in brackets.
29.1	09/29/16	MP3-UCR-2016-009	Section 5.3.1.6	Remove capsule withdrawal schedule from page 5.3-6 and incorporate edits to final paragraph of section 5.3.1.6. (NRC Safety Evaluation by letter dated March 17, 2016 serial # 16-131)
29.1	09/29/16	MP3-UCR-2016-007	Section 9.2.8	Change section 9.2.8 to correct the amount of flow able to be supplied to the boric acid blender by the Primary Grade Water pumps. (CR 1028775/CA 3025491)
29.1	09/29/16	MP3-UCR-2016-003	Sections 4.2.2, 4.2.2.2.2, 4.2.2.3.3, 4.4.2.2.7, 15.0.3.2, 15.4.2.2, 15.6.1.2	M3C18 reload project (EVAL-ENG-RSE-M3C18, Rev. 0)
29.1	09/29/16	MP3-UCR-2016-001	Section 9.5.4.4	Change to the fuel oil sampling wording to remove ambiguity. (CA3018205)
29.1	09/29/16	MP3-UCR-2015-033	Section 8.3.1.1.6	SBO Diesel Autostart (DC: MP3-15-01099)
29.1	09/29/16	MP3-UCR-2015-030	Sections 7.3.1.1.5, 10.4.9.5	TDAFW control transfer switch position (DC: MP3-15-01124)
29.1	09/29/16	MP3-UCR-2015-023	Section 9.1.2	Type “Update” UCR associated with LAR (LBDCR 15-MP3-009). (Lic Ltr 15-410, CR580759)
29.1	09/29/16	MP3-UCR-2015-008	Section 5.2.5.1.3, 5.4.1.2.2, 5.4.1.3.1, 5.4.1.3.4, 5.4.1.3.7, 5.4.1.3.10, 5.4.1.3.11, 5.4. 7.2.1, Table 5.4-1, Figure 5.4-1, Sections 9.2.2.1.3, 9.2.8.2, 9.3.4.2.1, 9.3.4.2.5, Table 9.3-6	Reflects replacement of RCP “B” & “C” seals (3R17). (DC: MP3-14-01022)
29.1	09/29/16	MP3-UCR-2014-014	Table 10.4-4	Reflects updated discussion on TDAFW pump overspeed values. (DC: MP3-14-01107)

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a. Incorporated by reference this engineering controlled drawing is, coincidentally, an MPS-3 FSAR figure. Refer to the controlled plant drawing for the latest revision.