

**ESBWR DCD Chapter 16**  
**26A6642BR Revision 5 to Revision 6 Change List**

Item	Location	Description of Change
1	16 - Various	Global chapter editorial changes to correct misspelling and grammar; spell out or integrate acronyms where appropriate; and update references as needed and where required.
2	16 - Various	Changes made for consistency with DCD Chapter 7 (and other DCD Chapters) for terminology of individual channel actuated devices (i.e., 'initiators'; not 'actuators').
3	16.00 Introduction	Deleted COL-Holder allowance in accordance with MFN 09-139.
4	16.00 Table 16.0-1-A Table 16.0-2-H	Relocated COL-Holder Items from Table 16.0-2-H to Table 16.0-1-A in accordance with MFN 09-139. Made appropriate editorial corrections.
5	16.00 Table 16.0-2-H	Revised COL Item (now re-labeled "Applicant Item") 3.1.7-1 to 3.1.7-2. Editorial correction of numbering.
6	16.00, Table 16.0-2-H	Deleted COL Item 3.3.6.1-1 for consistency with changes made to SR 3.3.1.3.6.
7	16.00 Table 16.0-2-H	Deleted COL item (now re-labeled "Applicant Item") 3.8.1-2 in accordance with RAI 16.2-82 Supplement 1.
8	16.00 Table 16.0-1-A	Deleted COL item (now re-labeled "Applicant Item") 3.8.1-3 in accordance with RAI 8.3-62.
9	16.00 Table 16.0-2-H	Revised COL item (now re-labeled "Applicant Item") 3.8.3-1 in accordance with RAI 16.2-126 Supplement 1.
10	16.00, Table 16.0-2-A	Revised COL Item 5.5.11-1 in accordance with RAI 16.2-156 Supplement 3.
11	16.00 TOC	Where applicable, updated TOC information consistent with changes to the associated LCOs.
12	16.01.01	Revised COL Item 1.1-1 label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139.
13	16.03.01.03 Actions	Updated reference to SR 3.3.2.1.9 to conform with changes submitted in response to RAI 16.2-145 Supplement 1.
14	16.03.01.04 SR 3.1.4.1, SR 3.4.1.2, SR 3.1.4.4	Revised the operating reactor pressure for performing scram time testing to allow a range of pressures over which scram time testing can be performed. The previous operating pressure value for testing was above the allowed operating limit of LCO 3.4.5. This operating pressure range for conducting the scram time surveillance is consistent with the BWR/6 Standard Technical Specifications.

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15	16.03.01.05 SR 3.1.5.1	Revised COL Item 3.1.5-1 label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139. Additional administrative changes are included to relocate “start” and “end” brackets so that they more appropriately and consistently delineate the specific information that is to be supplied by COL applicants.
16	16.03.01.06 Actions	Updated reference to SR 3.3.2.1.9 to conform with changes submitted in response to RAI 16.2-145 Supplement 1.
17	16.03.01.07 Actions	Deleted Action D in accordance with RAI 16.2-169. Included additional editorial corrections to presentation of brackets.
18	16.03.01.07, SR 3.1.7.8	Deleted Allowable Value and associated COL Item 3.1.7-1 in accordance with MFN 09-139.
19	16.03.03.01.01, Actions	Revised Required Action A.1 to replace excessively conservative Action for DTM to be in trip, which would result in a tripped condition for all instrument Functions from that Division. The revised Action for the instrument channel to be in trip is consistent with design and intent of actions presented in previous DCD Revisions (i.e., DCD Revision 5 inadvertently adopted the overly conservative change). This revised Required Action is also consistent with the Action Condition entered.
20	16.03.03.01.01, SR 3.3.1.1.1	Revised SR Frequency from '24 hours to 12 hours.' See response to RAI 16.2-145 Supplement 1.
21	16.03.03.01.01, SR 3.3.1.1.2	Revised SR Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplement 2.
22	16.03.03.01.01, T 3.3.1.1-1	Deleted Allowable Values and associated COL Item 3.3.1.1-1 in accordance with MFN 09-139. This also revised the Allowable Value change presented in the response to RAI 4.3-16 for Functions 14, 15, and 16.
23	16.03.03.01.01, T 3.3.1.1-1	Revised terminology in accordance with RAI 16.2-186.
24	16.03.03.01.02, SR 3.3.1.2.1	Deleted SR 3.3.1.2.1, Channel Check.' Renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
25	16.03.03.01.02, SR 3.3.1.2.2	Deleted SR 3.3.1.2.2, 'Channel Functional Test' and renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.

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26	16.03.03.01.02, SR 3.3.1.2.3	Deleted "Staggered Test Basis" (Surveillance renumbered to SR 3.3.1.2.1) for conformance with NUREG-1434 Standard Technical Specifications.
27	16.03.03.01.03, SR 3.3.1.3.1	Revised SR 3.3.1.3.1 "Channel Functional Test" to apply only to the RPS Manual Scram Function. Revised Frequency from 24 months to 7 days. See response to RAI 16.2-145 Supplement 1.
28	16.03.03.01.03, SR 3.3.1.3.2	Added SR 3.3.1.3.2 "Channel Functional Test" specifically for the Reactor Mode Switch - Shutdown Position Function with a Frequency of 24 months. See response to RAI 16.2-145 Supplement 1.
29	16.03.03.01.04, Actions	Revised Required Action A.1 to replace excessively conservative Action for DTM to be in trip, which would result in a tripped condition for all instrument Functions from that Division. The revised Action for the instrument channel to be in trip is consistent with design and intent of actions presented in previous DCD Revisions (i.e., DCD Revision 5 inadvertently adopted the overly conservative change). This revised Required Action is also consistent with the Action Condition entered.
30	16.03.03.01.04, SR 3.3.1.4.1	Revised SR Frequency from '24 hours to 12 hours.' See response to RAI 16.2-145 Supplement 1.
31	16.03.03.01.04, SR 3.3.1.4.3	Revised SR 3.3.1.4.3 Frequency from '24 months' to '7 days.' Revise SR Note by deleting 'For Functions 1.a, 1.b, 1.c, and 2.a.' See response to RAI 16.2-145 Supplement 1.
32	16.03.03.01.04, SR 3.3.1.4.4	Added new SR 3.3.1.4.4, 'Channel Functional Test,' with a Frequency of 31 days for Functions in MODE 1. Renumbered subsequent SRs. See response to RAI 16.2-145 Supplements 1 & 2.
33	16.03.03.01.04, SR 3.3.1.4.4	Revised Frequency for calibration of LPRMs from "1000 MWD/T average core exposure" to "750 MWD/T average core exposure." See response to RAI 7.2-18 Supplement 2.

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34	16.03.03.01.04, SR 3.3.1.4.5 T 3.3.1.4-1	SRNM Neutron Flux - High trip Function 1.b is deleted and the Applicability of the SRNM Neutron Flux - Short Period (renumbered as Function 1.b) is extended to cover MODE 6, with any control rod withdrawn from a core cell containing one or more fuel assemblies. These changes reflect changes made in DCD Chapter 7 to clarify that the design of SRNM Neutron Flux - High trip function is to function solely in non-coincident mode. This trip function does not meet any of the criteria of 10CFR50.36(c)(2)(ii), and consistent with NUREG-1434 this function is removed from Technical Specification control. The SRNM Neutron Flux - Short Period provides the credited for all MODES of operation when control rod(s) are withdrawn.
35	16.03.03.01.04, T 3.3.1.4-1	Deleted Allowable Values and associated COL Item 3.3.1.4-1 in accordance with MFN 09-139. This also revised the Allowable Value change presented in the response to RAI 16.2-171 for Function 3.
36	16.03.03.01.04, T 3.3.1.4-1	Revised SRs for Functions 1.a, 1.b, 2.a, 2.b, 2.c, 2.d, and 3 for consistency with changes made in SR Table. See response to RAI 16.2-145 Supplement 1.
37	16.03.03.01.05, SR 3.3.1.5.1	Deleted SR 3.3.1.5.1, 'Channel Check.' Renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
38	16.03.03.01.05, SR 3.3.1.5.2	Deleted SR 3.3.1.5.2, 'Channel Functional Test,' and renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
39	16.03.03.01.05, SR 3.3.1.5.3	Deleted "Staggered Test Basis" (Surveillance renumbered to SR 3.3.1.5.1) for conformance with NUREG-1434 Standard Technical Specifications.
40	16.03.03.01.06, SR 3.3.1.6.1	Revised SR Frequency from '24 hours to 12 hours.' See response to RAI 16.2-145 Supplement 1.
41	16.03.03.01.06, SR 3.3.1.6.3	Added new SR 3.3.1.6.3, 'Channel Check,' with a Frequency of 24 hours for Functions in MODE 3, 4, and 5. Renumbered subsequent SR. See response to RAI 16.2-145 Supplement 1.
42	16.03.03.01.06, SR 3.3.1.6.3	Deleted brackets surrounding "3.0" cps in SR 3.3.1.6.3. Deleted COLA Item associated with SR 3.3.1.6.3. Minimum countrate for SRNM operability has been verified.
43	16.03.03.01.06, SR 3.3.1.6.4	Revised SR 3.3.1.6.4, 'Channel Functional Test,' Frequency from '24 months' to '7 days.' See response to RAI 16.2-145 Supplement 1.

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44	16.03.03.01.06, SR 3.3.1.6.6	Added new SR 3.3.1.6.6, 'Channel Functional Test,' with a Frequency of 31 days for Functions in MODE 3, 4, and 5. Renumbered subsequent SR. See response to RAI 16.2-145 Supplement 1.
45	16.03.03.01.06, T 3.3.1.6-1	Revised SRs for Function 1 for consistency with changes made in SR Table. See response to RAI 16.2-145 Supplement 1.
46	16.03.03.02.01, SR 3.3.2.1.1	Deleted SR 3.3.2.1.1, Channel Check.' Renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
47	16.03.03.02.01, SR 3.3.2.1.2	Revised SR 3.3.2.1.2, 'Channel Functional Test,' Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplements 1 & 2.
48	16.03.03.02.01, SR 3.3.2.1.3	Revised SR 3.3.2.1.3, 'Channel Functional Test,' Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplements 1 & 2.
49	16.03.03.02.01, SR 3.3.2.1.4	Revised SR 3.3.2.1.4, 'Channel Functional Test,' Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplements 1 & 2.
50	16.03.03.02.01, SR 3.3.2.1.5	Revised SR 3.3.2.1.5, 'Channel Functional Test,' Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplements 1 & 2.
51	16.03.03.02.01, T 3.3.2.1-1	Revised SRs references for consistency with changes made in SR Table. See response to RAI 16.2-145 Supplement 1.
52	16.03.03.04.01, SR 3.3.4.1.1	Revised SR Frequency from '24 hours to 12 hours.' See response to RAI 16.2-145 Supplement 1.
53	16.03.03.04.01, SR 3.3.4.1.2	Revised SR 3.3.4.1.2, 'Channel Functional Test,' Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplement 1.
54	16.03.03.05.01, SR 3.3.5.1.1	Revised SR Frequency from '24 hours to 12 hours.' See response to RAI 16.2-145 Supplement 1.
55	16.03.03.05.01, SR 3.3.5.1.2	Revised SR 3.3.5.1.2, 'Channel Functional Test,' Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplements 1 & 2.
56	16.03.03.05.01, T 3.3.5.1-1	Deleted Allowable Values and associated COL Item 3.3.5.1-1 in accordance with MFN 09-139.
57	16.03.03.05.01, Table 3.3.5.1-1	Revised Table 3.3.5.1-1 to add new Function 3, Drywell Pressure - High. See response to RAI 21.6-103.

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58	16.03.03.05.02, SR 3.3.5.2.1	Deleted SR 3.3.5.2.1, 'Channel Check.' Renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
59	16.03.03.05.02, SR 3.3.5.2.2	Deleted SR 3.3.5.2.2, 'Channel Functional Test' and renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
60	16.03.03.05.02, SR 3.3.5.2.3	Deleted "Staggered Test Basis" (Surveillance renumbered to SR 3.3.5.2.1) for conformance with NUREG-1434 Standard Technical Specifications.
61	16.03.03.05.03, SR 3.3.5.3.1	Revised SR Frequency from '24 hours to 12 hours.' See response to RAI 16.2-145 Supplement 1.
62	16.03.03.05.03, SR 3.3.5.3.2	Revised SR 3.3.5.3.2, 'Channel Functional Test,' Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplements 1 & 2.
63	16.03.03.05.03, T 3.3.5.3-1	Deleted Allowable Values and associated COL Item 3.3.5.3-1 in accordance with MFN 09-139.
64	16.03.03.05.04, SR 3.3.5.4.1	Deleted SR 3.3.5.4.1, 'Channel Check.' Renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
65	16.03.03.05.04, SR 3.3.5.4.2	Deleted SR 3.3.5.4.2, 'Channel Functional Test' and renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
66	16.03.03.05.04, SR 3.3.5.4.3	Deleted "Staggered Test Basis" (Surveillance renumbered to SR 3.3.5.4.1) for conformance with NUREG-1434 Standard Technical Specifications.
67	16.03.03.06.01, Actions	Revised Required Action A.1 to replace excessively conservative Action for DTM to be in trip, which would result in a tripped condition for all instrument Functions from that Division. The revised Action for the instrument channel to be in trip is consistent with design and intent of actions presented in previous DCD Revisions (i.e., DCD Revision 5 inadvertently adopted the overly conservative change). This revised Required Action is also consistent with the Action Condition entered.
68	16.03.03.06.01, SR 3.3.6.1.1	Revised SR Frequency from '24 hours to 12 hours.' See response to RAI 16.2-145 Supplement 1.
69	16.03.03.06.01, SR 3.3.6.1.2	Revised SR 3.3.6.1.2, 'Channel Functional Test,' Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplements 1 & 2.

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70	16.03.03.06.01, T 3.3.6.1-1	Deleted Allowable Values and associated COL Item 3.3.6.1-1 in accordance with MFN 09-139.
71	16.03.03.06.02, SR 3.3.6.2.1	Deleted SR 3.3.6.2.1, 'Channel Check.' Renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
72	16.03.03.06.02, SR 3.3.6.2.2	Deleted SR 3.3.6.2.2, 'Channel Functional Test' and renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
73	16.03.03.06.02, SR 3.3.6.2.3	Deleted "Staggered Test Basis" (Surveillance renumbered to SR 3.3.6.2.1) for conformance with NUREG-1434 Standard Technical Specifications.
74	16.03.03.06.03, SR 3.3.6.3.1	Revised SR Frequency from '24 hours to 12 hours.' See response to RAI 16.2-145 Supplement 1.
75	16.03.03.06.03, SR 3.3.6.3.2	Revised SR 3.3.6.3.2, 'Channel Functional Test,' Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplements 1 & 2.
76	16.03.03.06.03, T 3.3.6.3-1	Deleted Allowable Values and associated COL Item 3.3.6.3-1 in accordance with MFN 09-139.
77	16.03.03.06.03, Table 3.3.6.3-1	Revised Table 3.3.6.3-1 to add new Function 13, Drywell Pressure - High-High and Function 14, Gravity-Driven Cooling System Pool Water level - Low. See response to RAI 21.6-103.
78	16.03.03.06.04, SR 3.3.6.4.1	Deleted SR 3.3.6.4.1, 'Channel Check.' Renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
79	16.03.03.06.04, SR 3.3.6.4.2	Deleted SR 3.3.6.4.2, 'Channel Functional Test' and renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
80	16.03.03.06.04, SR 3.3.6.4.3	Deleted "Staggered Test Basis" (Surveillance renumbered to SR 3.3.6.4.1) for conformance with NUREG-1434 Standard Technical Specifications.
81	16.03.03.06.04, T 3.3.6.4-1	Revised SRs for all Functions to reflect deletion of SR 3.6.4.1 and SR 3.3.6.4.2. See response to RAI 16.2-145 Supplement 1.
82	16.03.03.06.04, Table 3.3.6.4-1	Revised Table 3.3.6.4-1 to add new Function 11, High Pressure Makeup Water Injection - Isolation. See response to RAI 21.6-103.



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83	16.03.03.07.01 Actions	Added new Action D to address addition of Functions 3 and 4 to Table 3.3.7.1-1. These Functions are necessary to auto-start the standby train when required. As such, the appropriate action is tied to declaring the standby train inoperable.
84	16.03.03.07.01 Actions and Table 3.3.7.1-1	Added new Condition B (and renumbered Action B to be new Action C) and corresponding new Table 3.3.7.1-1 column ("Conditions Referenced from Required Action B.1"). This was needed to address addition of Functions 3 and 4 to Table 3.3.7.1-1.
85	16.03.03.07.01 Applicability	Editorial presentation preference moves the Applicability into the Specification body rather than Table 3.3.7.1-1.
86	16.03.03.07.01 T 3.3.7.1-1	Added new Functions 3 and 4 that provide appropriate automatic standby train initiation signals in the event of a single failure of the primary train.
87	16.03.03.07.01 T 3.3.7.1-1, Function 1	Changed to "High-High" and deleted "per train" for consistency with the design as reflected in DCD Table 11.5-2.
88	16.03.03.07.01 T 3.3.7.1-1, Function 2	Deleted "per train." This was done to more accurately reflect the design reflected in DCD 9.4.1.
89	16.03.03.07.01, SR 3.3.7.1.1	Revised SR Frequency from '24 hours to 12 hours.' See response to RAI 16.2-145 Supplement 1.
90	16.03.03.07.01, SR 3.3.7.1.2	Revised SR 3.3.7.1.2, 'Channel Functional Test,' Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplements 1 & 2.
91	16.03.03.07.01, T 3.3.7.1-1	Deleted Allowable Values and associated COL Item 3.3.7.1-1 in accordance with MFN 09-139.
92	16.03.03.07.01, T 3.3.7.1-1	Revised table to include SR 3.3.7.1.4 in the Surveillance Requirements column for Function 1 and Function 2 to correct an editorial error in DCD revision 5.
93	16.03.03.07.02	Added new Required Action B.1.3 based on addition of Functions (TS 3.3.7.1) that require ability to initiate standby train.
94	16.03.03.07.02 Actions	Required Action B.1.1 deleted definition of acronym CRHA since it is defined in specification title and changed word "envelope" to "boundary" to be consistent with TS 3.3.7.1, TS 3.7.2, and TS 5.5.12.



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95	16.03.03.07.02, SR 3.3.7.2.1	Deleted SR 3.3.7.2.1, 'Channel Check.' Renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
96	16.03.03.07.02, SR 3.3.7.2.2	Deleted SR 3.3.7.2.2, 'Channel Functional Test' and renumbered subsequent SRs. See response to RAI 16.2-145 Supplement 1.
97	16.03.03.07.02, SR 3.3.7.2.3	Deleted "Staggered Test Basis" (Surveillance renumbered to SR 3.3.7.2.1) for conformance with NUREG-1434 Standard Technical Specifications.
98	16.03.03.08.01, T 3.3.8.1-1	Deleted Allowable Values and associated COL Item 3.3.8.1-1 in accordance with MFN 09-139.
99	16.03.03.08.01, T 3.3.8.1-1	Added Drywell Pressure – High (Manual Actuation) Functions 1.b and 2.b for consistency with design changes reflected in DCD Chapter 7. These changes are associated with, and in addition to, the design changes presented in response to RAI 21.6-103.
100	16.03.03.08.01, SR 3.3.8.1.1	Revised SR Frequency from '24 hours to 12 hours.' See response to RAI 16.2-145 Supplement 1.
101	16.03.03.08.01, SR 3.3.8.1.2	Revised SR 3.3.8.1.2, 'Channel Functional Test,' Frequency from '24 months' to '31 days.' See response to RAI 16.2-145 Supplements 1 & 2.
102	16.03.04.04 LCO	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-A in accordance with MFN 09-139.
103	16.03.04.04 SR 3.4.4.1	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-A in accordance with MFN 09-139.
104	16.03.04.04 SR 3.4.4.2	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-A in accordance with MFN 09-139.
105	16.03.04.04 SR 3.4.4.3	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-A in accordance with MFN 09-139.
106	16.03.04.04 SR 3.4.4.4	Revised COL Item labels to reference Table 16.0-1-A instead of Table 16.0-2-A in accordance with MFN 09-139.
107	16.03.04.04 SR 3.4.4.5	Revised COL Item labels to reference Table 16.0-1-A instead of Table 16.0-2-A in accordance with MFN 09-139.
108	16.03.05.01 Actions	Revised Actions for inoperable DPS actuators in accordance with RAI 16.2-174.
109	16.03.05.01 SR 3.5.1.1	Revised HPNSS pressure consistent with changes to DCD Table 9.3-8.

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110	16.03.05.02 Actions	Revised Actions for inoperable DPS actuators in accordance with RAI 16.2-174.
111	16.03.05.03 SR 3.5.3.1, SR 3.5.3.2, SR 3.5.3.3	Deleted SR 3.5.3.1, and renumbered SR 3.5.3.2 and SR 3.5.3.3 in accordance with RAI 16.2-173.
112	16.03.05.03 SR 3.5.3.3, SR 3.5.3.5	Add new SR 3.5.3.3 and SR 3.5.3.5 in accordance with RAI 16.2-173. SR 3.5.3.3 HPNSS supply pressure is revised from the value in response to RAI 16.2-173 for consistency with changes to DCD Table 9.3-8.
113	16.03.05.03 SR 3.5.3.4	Revised SR 3.5.3.4 to add clarification "for each required GDCS valve and for ADS valves required to support relief capacity equivalent to 6 DPVs" in accordance with RAI 16.2-173.
114	16.03.05.05 Actions	Revised Actions in accordance with RAI 16.2-188.
115	16.03.06.01.01 SR 3.6.1.1.2	Corrected limit from "0.900" to "900" and make as editorial consistency change adding "and" in accordance with RAI 16.2-175.
116	16.03.06.01.01 SR 3.6.1.1.5	Revised Frequency in accordance with RAI 6.2-145 Supplement 3.
117	16.03.06.01.03 Actions	Revised Actions for inoperable DPS actuators in accordance with RAI 16.2-174.
118	16.03.06.01.03 Actions	Revised Completion Times for feedwater CIVs in accordance with RAI 16.2-176.
119	16.03.06.01.03 SR 3.6.1.3.10	Made an editorial consistency change in accordance with RAI 16.2-177.
120	16.03.06.01.03 SR 3.6.1.3.9	Revise the MSIV leak-rate test pressure from "0.5 Pa" to "Pa" based on RAI 5.4-61.
121	16.03.06.01.04 LCO	Revised drywell pressure value in accordance with RAI 16.2-179.
122	16.03.06.01.04, LCO	Revised the LCO from "Drywell pressure shall be $\leq$ 110.3 kPa (16.0 psig)," to "Drywell pressure shall be $\leq$ 106.9 kPa (15.5 psig)." See response to RAI 21.6-103.
123	16.03.06.02.02 LCO	Provided suppression pool level in feet instead of inches to be consistent with DCD Chapter 6 Table 6.2-3.
124	16.03.06.03.01 Actions	Clarified nomenclature in Actions Note 1 in accordance with RAI 16.2-181.

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125	16.03.07.01 Actions	Bases for Action C deleted in accordance with RAI 16.2-182.
126	16.03.07.01 Actions	Revised Actions for inoperable DPS actuators in accordance with RAI 16.2-174.
127	16.03.07.01 SR 3.7.1.3	Bases for SR 3.7.1.3 clarified to address "available" IC/PCC pools in accordance with RAI 16.2-182.
128	16.03.07.01, SR 3.7.1.9	Deleted Allowable Value and associated COL Holder Item 3.7.1-1 in accordance with MFN 09-139.
129	16.03.07.02 SR 3.7.2.6	Deleted Allowable Value and associated COL Item 3.7.2-1 in accordance with MFN 09-139.
130	16.03.07.02, Action A	Revised Action A in accordance with response to RAI 16.2-183.
131	16.03.07.02, Condition D	Revised second entry Condition to add "for reasons other than Condition A or B." See response to RAI 16.2-183.
132	16.03.07.02, Condition E	Revised second entry Condition to add "for reasons other than Condition A or B." See response to RAI 16.2-183.
133	16.03.07.06 SR 3.7.6.6	Deleted Allowable Value and associated COL Item 3.7.6-2 in accordance with MFN 09-139.
134	<b>16.03.08.01 Actions</b>	<b>Revised in accordance with response to RAI 16.2-82 Supplement 1.</b>
135	16.03.08.01 SR 3.8.1.1	Revised in accordance with response to RAI 8.3-62.
136	16.03.08.01 SR 3.8.1.2	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139. Additional administrative changes are included to relocate "start" and "end" brackets so that they more appropriately and consistently delineate the specific information that is to be supplied by COL applicants.
137	16.03.08.01 SR 3.8.1.2	Revised in accordance with response to RAI 8.3-62.
138	16.03.08.01 SR 3.8.1.3	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139.
139	16.03.08.01 SR 3.8.1.3	Revised in accordance with response to RAI 8.3-62.
140	<b>16.03.08.02 Actions</b>	<b>Revised in accordance with response to RAI 16.2-82 Supplement 1.</b>
141	16.03.08.03 Action A	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139.

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142	16.03.08.03 Action F	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139.
143	16.03.08.03 Action D & SR 3.8.3.4	Revised "room" temperature to "average cell" temperature in accordance with RAI 16.2-184.
144	16.03.08.03 Actions A, B, C, D, and F	Revised in accordance with response to RAI 8.3-62.
145	16.03.08.03 Actions	Revised in accordance with response to RAI 16.2-82 Supplement 1.
146	16.03.08.03 SR 3.8.3.1	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139. Additional administrative changes are included to relocate "start" and "end" brackets so that they more appropriately and consistently delineate the specific information that is to be supplied by COL applicants.
147	16.03.08.03 SR 3.8.3.2	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139.
148	16.03.08.03 SR 3.8.3.5	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139.
149	16.03.08.03 SR 3.8.3.6	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139. Additional administrative changes are included to relocate "start" and "end" brackets so that they more appropriately and consistently delineate the specific information that is to be supplied by COL applicants.
150	16.03.08.03 SRs 3.8.3.1, 3.8.3.2, 3.8.3.3, 3.8.3.4, 3.8.3.5 and 3.8.3.6	Revised in accordance with response to RAI 8.3-62. Subsequent to submittal of this RAI response, SR 3.8.3.6 corrections were made to remove extraneous brackets in third Frequency around "85%."
151	16.03.08.04 Actions	Revised in accordance with response to RAI 16.2-82 Supplement 1.
152	16.03.08.05 Actions	Revised in accordance with response to RAI 16.2-82 Supplement 1.
153	16.03.08.06 Actions	Revised in accordance with response to RAI 16.2-82 Supplement 1.
154	16.03.08.07 Actions	Revised in accordance with response to RAI 16.2-82 Supplement 1.

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<b>Item</b>	<b>Location</b>	<b>Description of Change</b>
155	16.03.09.05 SR 3.9.5.2	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139. Additional administrative changes are included to relocate “start” and “end” brackets so that they more appropriately and consistently delineate the specific information that is to be supplied by COL applicants.
156	16.03.09.06	Revised in accordance with response to RAI 16.2-101 Supplement 1.
157	16.03.10.03 LCO	Corrected listing of LCO 3.3.1.4 Functions consistent with deletion of SRNM Neutron Flux - High trip Function 1.b.
158	16.03.10.04 LCO	Corrected listing of LCO 3.3.1.4 Functions consistent with deletion of SRNM Neutron Flux - High trip Function 1.b.
159	16.03.10.07 LCO	Updated reference to SR 3.3.2.1.9 to conform with changes submitted in response to RAI 16.2-145 Supplement 1.
160	16.03.10.08 Actions	Updated reference to SR 3.3.2.1.9 to conform with changes submitted in response to RAI 16.2-145 Supplement 1.
161	16.05.02.02	Deleted paragraph d. Renumbered subsequent paragraphs. Incorporation of TSTF-511, 'Eliminate Working Hour Restrictions from TS 5.2.2 to Support Compliance with 10 CFR Part 26.' See Notice of Availability, FR79923.
162	16.05.02.02	Revised paragraph a to add bracketed non-licensed operator manning requirements for two unit ESBWRs consistent with COL Reviewer's Note in accordance with MFN 09-139.
163	16.05.05.09	Revised "La" and PCCS leakage limit in accordance with response to RAI 6.2-165 Supplement 1.
164	16.05.05.09	Revised paragraph 5.5.9.b to change value for Pa from "282.9 kPaG (41.1 psig )" to "310 kPaG (45 psig)," for consistency with changes made in Revision 5 DCD Section 6.2.6 and Table 6.2-1.
165	16.05.05.10	In accordance with MFN 09-139 administrative changes were included to relocate “start” and “end” brackets so that they more appropriately and consistently delineate the specific information that is to be supplied by COL applicants.
166	16.05.05.10	Revised in accordance with response to RAI 8.3-62.

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Item	Location	Description of Change
167	16.05.05.11	Paragraph a is revised to change the reference to the regulatory requirements concerning technical specification requirements for limiting safety system settings from "10 CFR 50.36(d)(1)(ii)(A)" to "10 CFR 50.36(c)(1)(ii)(A)." See response to RAI 16.2-156 Supplement 2.
168	16.05.05.11	Paragraph d is revised to include a statement that revisions to the document specifying LTSP, NTSP <sub>F</sub> , AV, AFT, and ALT values shall be governed by the approved setpoint methodology and to require the SCP, including any midcycle revisions or supplements, shall be provided upon issuance for each reload cycle to the NRC. See response to RAI 16.2-156 Supplement 2.
169	16.05.05.11	Revised in accordance with RAI 16.2-156 Supplement 3.
170	16.05.05.11	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139.
171	16.05.05.11	Revised paragraph c.1.i to replace "then this condition shall be trended and evaluated within the plant's corrective action program, to verify that it is functioning in accordance with its design basis" with "then the instrument channel shall be evaluated." Concurrent with this change, a new sentence is added at the end of TS 5.5.11.c.1.i: "This condition shall be dispositioned by the plant's corrective action program." This provides the requirement to disposition the channel's condition within the plant's corrective action program. MFN 08-104, S01 (Supplemental response to RAI 16.2-156 S01).
172	16.05.05.13	Revised COL Item label to reference Table 16.0-1-A instead of Table 16.0-2-H in accordance with MFN 09-139.
173	16.05.05.13	Revised CRHAVS EFU flow rate consistent with changes to DCD Table 15.4-5.
174	16.05.05.13	Revised CRHAVS EFU differential pressure consistent with changes to DCD Table 9.4-2.
175	16.05.06.03	Revised paragraph 5.6.3.a.1 by deleting "(including power and flow dependent limits)" to remove excessive detail from the COLR description and to allow correction from 'flow dependent limits' to 'feedwater temperature dependent limits' in Bases of TS 3.2.1. See MFN 09-125.
176	16.05.06.03	Revised paragraph 5.6.3.a.2 by deleting "(including power and flow dependent limits)" to remove excessive detail from the COLR description and to allow correction from 'flow dependent limits' to 'feedwater temperature dependent limits' in Bases of TS 3.2.2. See MFN 09-125.

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<b>Item</b>	<b>Location</b>	<b>Description of Change</b>
177	16.05.06.03	Revised paragraph a by adding new item 4, Specification 3.3.1.4, Neutron Monitoring System (NMS) Instrumentation, Function 3. See response to RAI 16.2-171.
178	16.05.06.03	Revised paragraph a to include new Item 3 for 'Specification 3.3.1.1, Reactor Protection System (RPS),' Functions 14, 15, and 16.' Renumbered subsequent items. See response to RAI 4.3-16.
179	16.05.06.03	Revised paragraph b by adding a new reference for Chapter 4, "Reactor," Appendix 4D, "Stability Evaluation," Section 4D.3.2.2. See response to RAI 16.2-171.
180	16.05.06.03	Revised paragraph b to include new methodology item 8 for 'NEDO-33338, "ESBWR Feedwater Temperature Operating Domain Transient and Accident Analysis," October 2007.' See response to RAI 4.3-16. This reference was subsequently updated to Revision 1, May 2009.
181	16.05.06.03	Revised paragraph b item 7 to include the revision date.
182	16.05.06.04	Revised COL item 5.6.4-1 label to reference Table 16.0-1-A instead of Table 16.0-2-A in accordance with MFN 09-139.