

Chapter 16B Changes From Revision 4 to Revision 5

Item	Location	Description of Change
1.	16B.00 TOC	Where applicable, updated TOC information consistent with changes to the associated Bases.
2.	16B.02.01, ASA	Revised ASA section of Bases for SL 2.1.1 to add, "The SLMCPR is a lower bound on the steady-state MCPR..." consistent with the response to RAI 15.0-16, Supp 1.
3.	16B.02.01.01	Revised title of Section 2.1.1.2 and added "The SLMCPR is a lower bound on the steady-state MCPR." Details of the SLMCPR calculation process are given in Reference 5." This change is consistent with response to RAI 15.0-16, Supp 1.
4.	16B.02.01.01, ASA, References	Provided Safety Limits, eliminated brackets, and provided Reference for SL 2.1.1.1 and SL 2.1.1.2 related to MCPR, consistent with NEDC-32851P-A.
5.	16B.02.01.01, Background, SL Violations, References	Revised to cite 10 CFR 52.47(a)(2)(iv) instead of 10 CFR 100 to reflect August 2007 Part 52 Rule change.
6.	16B.02.01.02, ASA, References	Revised and removed brackets to show that ASME, Boiler and Pressure Vessel Code, 2001 Edition through Addenda 2003, are applicable to RPV consistent with DCD Table 1.9-22."
7.	16B.02.01.02, Background, ASA, SL Violations, References	Revised to cite 10 CFR 52.47(a)(2)(iv) instead of 10 CFR 100 to reflect August 2007 Part 52 Rule change.
8.	16B.03.00, SR 3.0.1	Revised Bases for SR 3.0.1 to change the example describing the application of SR 3.0.1 to use steam dome pressure consistent with changes to LCO 3.1.4 and Table 3.1.4-1.
9.	16B.03.00, SR 3.0.4	Revised Bases for SR 3.0.4 to clarify use of SR 3.0.4.b.
10.	16B.03.01.01, Actions	Replaced requirement in Actions D.2 and E.3 to restore the reactor building as a compensatory measure for LCO not met when shutdown with Actions to immediately establish reactor building refueling and pool area HVAC subsystem (REPAVS) and contaminated area HVAC subsystem (CONAVS) area isolation boundary or the automatic actuation capability for the same. This change is consistent with changes to LCO 3.6.3.1.

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11.	16B.03.01.03, Actions	Revised Condition D to relocate to the Bases and the Core Operating Limits Report, separation criteria for control rods not in compliance with Ganged Withdrawal Sequence Restrictions.
12.	16B.03.01.03, Actions, SRs	Revised LCO 3.1.3 and 3.1.4 to provide the COL Applicant with the option of designating a limited number of control rods as operable but slow rather than inoperable. This option is designated COL 16.0-1-1A 3.1.3-1. This change is consistent with the response to RAI 16.2-164.
13.	16B.03.01.03, Background	Revised background to correct the improper use of "stepping" motor to describe the FMCRD.
14.	16B.03.01.03, Conditions	Revised Bases for Condition D, Note, Condition E to delete brackets surrounding "10"% RTP. To reflect finalized presentation.
15.	16B.03.01.03, SR 3.1.3.4	Revised SR 3.1.3.4 to designate the bracketed scram insertion time as COL 16.0-1-1 A 3.1.3-2. This change is consistent with the response to RAI 16.2-164.
16.	16B.03.01.04, ASA, LCO, Actions	Revised LCO 3.1.3 and 3.1.4 to provide the COL Applicant with the option of designating a limited number of control rods as operable but slow rather than inoperable. This option is designated COL 16.0-1-1 A 3.1.4-1. This change is consistent with the response to RAI 16.2-164. "Slow" scram time allowance is optional based upon analysis as outlined in the LCO Bases for Specification 3.1.4. With "slow" scram time option elected the first bracketed option remains (brackets removed) and the second option is deleted. Acceptance criteria for OPERABLE control rod scram times (time to % insertion) are to be included. With "slow" scram time allowance not elected, the first bracketed option is deleted and the second option remains (brackets removed).
17.	16B.03.01.04, ASA, SRs	Revised ASA and SRs to indicate that scram time acceptance criteria in Table 3.1.7-1 is based on reactor steam dome pressure instead of vessel bottom pressure, pressure values adjusted to show steam dome pressure equivalent to the vessel bottom pressure. This change has no effect on the scram time acceptance criteria presented in Table 3.1.4-1.

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18.	16B.03.01.05, Action B.1	Revised Bases for Action B.1 to revise justification for Completion Time to delete “the ability of the accumulator to still be able to scram the associated control rod(s)” because the associated Condition is inoperable accumulators.
19.	16B.03.01.05, SR	Revised SR 3.1.5.1 to designate control rod scram accumulator pressure as a COL Holder Item because ITAAC will determine the minimum CRD accumulator pressure. This change is consistent with the response to RAI 16.2-164.
20.	16B.03.01.06, Background, ASA, Applicability, Actions, SR	Deleted brackets surrounding "10"% RTP as the upper limit for the Applicability of Ganged Withdrawal Sequence Restrictions (GWSR).
21.	16B.03.01.07, Actions	Added Action C.1 to address requirements for SLC accumulator isolation valves. This change supports new requirements for SLC accumulator isolation valves.
22.	16B.03.01.07, Actions	Relocated reviewer’s note for Action A.1 to Table COL 16.0-1-A 3.1.7-1, consistent with RAI 16.2-164.
23.	16B.03.01.07, Actions	Revised the Bases for Action D.1 “SLC train(s) inoperable for reasons other than Condition...” to be consistent with LCO requirements that both SLC trains are required to meet analysis assumptions.
24.	16B.03.01.07, Applicability and Actions	Revised applicability and added Action E.2 to expand the Applicability for SLC to include Modes 3 and 4 to match the Applicability of other ECCS systems. Revised the Applicability discussion to more clearly describe the requirements for ECCS and the requirements for reactor shutdown capability.
25.	16B.03.01.07, ASA	Revised Applicable Safety Analyses to clarify description of calculation used to determine boron concentration required to achieve reactor shutdown.
26.	16B.03.01.07, Background	Rearranged and revised paragraphs in Background description to highlight SLC system function as an ECCS system.
27.	16B.03.01.07, Background	Revised Background to add discussion of SLC accumulator isolation valves and improve description of system configuration.

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28.	16B.03.01.07, Background, ASA	Added statement that SLC sodium pentaborate is credited for buffering the pH in containment pools following a LOCA, consistent with DCD Chapter 6.
29.	16B.03.01.07, Background, ASA	Revised Background and Applicable Safety Analyses to delete discussion of automatic SLC actuation on ATWS and state ATWS actuation addressed in Availability Controls Manual. Added statement that ATWS actuation is addressed in the Availability Controls Manual.
30.	16B.03.01.07, Background, LCO	Revised Background and LCO sections to discuss design and operability requirements for SLC valve actuators, including power supplies for SLC injection valves and SLC accumulator isolation valves.
31.	16B.03.01.07, SR 3.1.7.1	Revised SR 3.1.7.1 Bases to include nitrogen volume to acknowledge there is an upper limit for accumulator volume.
32.	16B.03.01.07, SR 3.1.7.4	Revised SR 3.1.7.4 Note to used term “disable” consistent with changes to nomenclature in DCD Chapter 7.
33.	16B.03.01.07, SR 3.1.7.4	Revised SR 3.1.7.4 to require verification of SLC actuator continuity (versus squib continuity) and ensure actuators are associated with electrical divisions required by LCO 3.8.6. Clarified that requirements also apply to SLC accumulator isolation valves.
34.	16B.03.01.07, SR 3.1.7.5	Added SR 3.1.7.5 Note to allow SLC flow paths to be isolated intermittently under administrative controls to allow SLC accumulator isolation valves to be cycled for testing. This change supports new requirements for SLC accumulator isolation valves.
35.	16B.03.01.07, SR 3.1.7.7	Revised SR 3.1.7.7 Note so that valve actuation exclusion also applies to SLC accumulator isolation valves, which are cycled in accordance with Inservice Test Program.
36.	16B.03.01.07, SR 3.1.7.7	Revised Bases of SR 3.1.7.7 to clarify that the SLC functional test includes verification that the SLC accumulator isolates on low level.
37.	16B.03.01.07, SR 3.1.7.8	Added SR 3.1.7.8 to require calibration of SLC accumulator level instrument channels. This change supports new requirements for SLC accumulator isolation valves.

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38.	16B.03.01.07, SR 3.1.7.9	Revised bases for SR 3.1.7.9 to clarify that SLC solution temperature limits in SR 3.1.7.2 and figure 3.1.7-1 are conservative in enforcing the requirements in DCD 9.3.5.2 that the saturation temperature of the solution be less than 15.5°C (60°F).
39.	16B.03.01.07, SR 3.1.7.9, References	Revised SR 3.1.7.9 to eliminate requirement that squib valves are actuated as part of SLC flow path verification test. The flow path may be verified by a combination of flushing, visual inspection, or boroscopic inspection. This is acceptable because squib valves are flanged, allowing access to both sides of the valves for verification that the flow path is free of obstructions. The squib valves are tested under the ASME OM Code and are included in the Inservice Testing Program. Added Reference 4.
40.	16B.03.02.02, Applicability	Revised justification for Applicability of above 25% RTP consistent with changes to Technical Specification Safety Limits and consistent with NEDC-32851P-A.
41.	16B.03.02.02, ASA	Revised to cite 10 CFR 52.47(a)(2)(iv) instead of 10 CFR 100 to reflect August 2007 Part 52 Rule change.
42.	16B.03.03	Added new Bases for Specification 3.3.8.1, "Diverse Protection System (DPS) - Manual Actuation," for consistency with DCD Section 7.8.
43.	16B.03.03.01.01	All instances of 'Leave Alone Tolerance' revised to 'as-left tolerance' throughout Bases for consistency with NEDO-33304P. See responses to RAIs 16.2-146 and 16.2-149.
44.	16B.03.03.01.01, Actions	Discussion of Required Action A.1 is revised to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434 and changes to RA A.1.
45.	16B.03.03.01.01, Actions	Discussion of Required Action B.1 is revised to reflect changes to Actions Table. Discussion of Required Action C.1 is deleted and subsequent Actions renumbered to reflect changes to Action Table. This change revises the changes contained in the response to RAI 16.2-134 S01.
46.	16B.03.03.01.01, Actions	Revised Bases Discussion of Actions D.1, E.1, F.1, G.1, and H.1 to include "or if RPS trip capability is not maintained," for consistency with changes made to Actions table. See response to RAI 16.2-134 S01.

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47.	16B.03.03.01.01, Applicable Safety Analyses	Revised 4 th paragraph to delete discussion of "setting basis" and delete statement that Allowable Values are provided in the SCP. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
48.	16B.03.03.01.01, Applicable Safety Analyses	Revised 4 th paragraph to replace "NTSPs" with "NTSP _F s" for consistency with ESBWR setpoint methodology.
49.	16B.03.03.01.01, Applicable Safety Analyses	Deleted fifth paragraph discussion of NTSP. Discussion is repetitive to Background discussion and is encompassed in SCP and ESBWR setpoint methodology.
50.	16B.03.03.01.01, Applicable Safety Analyses	Inserted discussions for Function 14, "Feedwater Temperature Biased Simulated Thermal Power – High," 15, "Simulated Thermal Power Biased Feedwater Temperature – High," and 16, "Simulated Thermal Power Biased Feedwater Temperature – Low." Consistency with changes to Chapter 7 and Chapter 15.
51.	16B.03.03.01.01, Applicable Safety Analyses, Function 03	Revised 2 nd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
52.	16B.03.03.01.01, Applicable Safety Analyses, Function 04	Revised 2 nd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
53.	16B.03.03.01.01, Applicable Safety Analyses, Function 05	Revised 4 th paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
54.	16B.03.03.01.01, Applicable Safety Analyses, Function 06	Revised 2 nd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
55.	16B.03.03.01.01, Applicable Safety Analyses, Function 07	Deleted brackets surrounding discussion of reactor trip on MSIV closure Function logic in second paragraph. Statement is consistent with DCD Subsection 7.2.1.2.4.2 description of the initiating circuit for this function.
56.	16B.03.03.01.01, Applicable Safety Analyses, Function 07	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
57.	16B.03.03.01.01, Applicable Safety Analyses, Function 08	Revised 1 st paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)

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58.	16B.03.03.01.01, Applicable Safety Analyses, Function 09	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
59.	16B.03.03.01.01, Applicable Safety Analyses, Function 09	Deleted brackets surrounding number of temperature sensors required for a channel to be OPERABLE. Consistent with DCD Chapter 7.
60.	16B.03.03.01.01, Applicable Safety Analyses, Function 10	Deleted brackets and revised discussion of reactor trip on Turbine Stop Valve – Closure Function in second paragraph for consistency with DCD Subsection 7.2.1.2.4.2 description of the initiating circuit for this function.
61.	16B.03.03.01.01, Applicable Safety Analyses, Function 10	Revised required Action to delete brackets surrounding "40"% RTP (Three locations). Consistency with DCD Subsection 7.2.1.5.2.1.
62.	16B.03.03.01.01, Applicable Safety Analyses, Function 10	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
63.	16B.03.03.01.01, Applicable Safety Analyses, Function 11	Revised required Action to delete brackets surrounding "40"% RTP (Three locations). Consistency with DCD Subsection 7.2.1.5.2.1.
64.	16B.03.03.01.01, Applicable Safety Analyses, Function 11	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
65.	16B.03.03.01.01, Applicable Safety Analyses, Function 12	Revised 2 nd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
66.	16B.03.03.01.01, Applicable Safety Analyses, Function 12	Deleted reference to MODE 2 Applicability. Mode 2 was deleted in Revision 4 for consistency with the DCD. This reference was inadvertently not deleted. Editorial correction. See response to RAI 16.2-160.
67.	16B.03.03.01.01, Applicable Safety Analyses, Function 13	Revised 2 nd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
68.	16B.03.03.01.01, Background	Revised 3 rd paragraph to delete last sentence. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
69.	16B.03.03.01.01, Background	Revised fifth paragraph to replace "NTSP" with "LTSP" and revised discussion for consistency with ESBWR setpoint methodology.

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70.	16B.03.03.01.01, Background	Deleted sixth paragraph discussion of TS compliance problems. Excessive level of detail. Covered in SCP and ESBWR setpoint methodology. Also replace "NTSP" with "LTSP" for consistency with ESBWR setpoint methodology.
71.	16B.03.03.01.01, Background	Deleted seventh paragraph. Excessive, repetitive detail. Covered in SCP and ESBWR setpoint methodology.
72.	16B.03.03.01.01, Background	Revised 8 th paragraph to replace "NTSP" with "LTSP" and revised discussion for consistency with ESBWR setpoint methodology.
73.	16B.03.03.01.01, Background	Revised 8 th paragraph to delete parenthetical "(derived from the Setting Basis specified in Table 3.3.1.1-1)." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
74.	16B.03.03.01.01, Background	Replaced "Valuable" with "Value" in 9 th paragraph. Editorial correction. Replaced "NTSP" with "NTSP _F " for consistency with ESBWR setpoint methodology.
75.	16B.03.03.01.01, Background	Under discussion of "Instrument (Sensor) Channels," replaced "monitor for abnormal conditions," with "detect abnormal conditions," for consistency with DCD. Editorial.
76.	16B.03.03.01.01, Background	Under discussion of "Divisions of Trip Logic," second paragraph, revised "division of channel sensor bypass" to "division of sensor bypass" for consistency with DCD. Editorial.
77.	16B.03.03.01.01, Background	Under discussion of "Divisions of Trip Actuators," paragraphs 1, 2, and 4, revised references to "controllers" with appropriate references to "load drivers," and clarified "primary" versus "backup." See response to RAI 16.2-135.
78.	16B.03.03.01.01, Background	Revised first paragraph under "Divisions of Trip Actuators" to provide additional clarification of the "primary" and "backup" scram functions and to correct terminology.
79.	16B.03.03.01.01, Background	Under discussion of "Divisions of Scram Logic Circuitry," fourth paragraph, revised "division of channel sensors" to "division of sensors" for consistency with DCD. Editorial.
80.	16B.03.03.01.01, References	Deleted NEDO-33201 from Reference list. NEDO-33201 is no longer referenced in the associated Bases. Renumbered subsequent references.

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81.	16B.03.03.01.01, References	Revised Reference 14 to indicate RTT acceptance criteria are provided in Chapter 15, and deleted References 15 and 16. See response to RAI 16.2-158.
82.	16B.03.03.01.01, References	Inserted new Reference 13 related to Loss of Feedwater Heating. Consistency with changes to Chapter 7 and Chapter 15 provided in response to RAIs 4.3-12 and 4.3-13.
83.	16B.03.03.01.01, SR 03.03.01.01.01	Revised discussion to include details of self-diagnostic features. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
84.	16B.03.03.01.01, SR 03.03.01.01.02	Revised discussion to include details of overlap. Revised Frequency to 24 months based, in part, on online-diagnostics. Deleted discussion of setpoint adjustment. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
85.	16B.03.03.01.01, SR 03.03.01.01.03	Editorial - Inserted 'methods and assumptions required by the' in second paragraph as a clarification that the SCP provides methods and assumptions for channel calibrations. See responses to RAIs 16.2-146 and 16.2-149.
86.	16B.03.03.01.01, SR 03.03.01.01.03	Revised second paragraph to replace "NTSP" with "NTSP _F " and revised discussion for consistency with ESBWR setpoint methodology.
87.	16B.03.03.01.01, SR 03.03.01.01.03	In third paragraph, deleted reference to Reference 13. Channel Calibration intervals are set by the setpoint methodology assumptions; therefore, reference to NEDO-33201 is not appropriate. See responses to RAIs 16.2-146 and 16.2-149.
88.	16B.03.03.01.01, SR 03.03.01.01.03	Deleted fourth and fifth paragraph discussions of different instrumentation devices and corrective measures. These subjects are adequately addressed in NEDO-33304P, and thereby, the SCP. See responses to RAIs 16.2-146 and 16.2-149.
89.	16B.03.03.01.01, SR 03.03.01.01.04	Revised Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.
90.	16B.03.03.01.01, SR 03.03.01.01.04	Revised reference to "SR 3.3.1.2" to refer to "SR 3.3.1.4" for consistency with changes made in LCO 3.3.1.2.

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91.	16B.03.03.01.01, SR 03.03.01.01.04	Bracketed discussion of response time exclusions in third paragraph. See responses to RAI 16.2-157, as modified by the response to RAI 16.2-164.
92.	16B.03.03.01.01, SR 03.03.01.01.04	Revised last paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
93.	16B.03.03.01.02, Actions	Replaced "channels" with "divisions" in first sentence of discussion of the Actions Note. Editorial change for consistency with LCO.
94.	16B.03.03.01.02, Actions	Discussion of Required Action B.1 is revised to reflect changes to Actions Table. Discussion of Required Action C.1 is deleted and subsequent Actions renumbered to reflect changes to Action Table.
95.	16B.03.03.01.02, Actions A.1	Discussion of Required Action A.1 is revised to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434.
96.	16B.03.03.01.02, Actions B.1	Discussion of Required Action B.1 is revised to delete probabilistic justification of Completion Time consistent with presentation in NUREG-1434.
97.	16B.03.03.01.02, Actions C.1	Discussion of Required Action C.1 is revised to delete probabilistic justification of Completion Time consistent with presentation in NUREG-1434.
98.	16B.03.03.01.02, Applicable Safety Analyses	Replaced "channels" with "divisions" and corrected grammar in last sentence of first paragraph. Editorial correction for consistency with LCO.
99.	16B.03.03.01.02, Background	Revised references to "controllers" with appropriate references to "load drivers" in third paragraph. See response to RAI 16.2-135.
100.	16B.03.03.01.02, References	Revised Reference 3 to indicate RTT acceptance criteria are provided in Chapter 15. See response to RAI 16.2-158.
101.	16B.03.03.01.02, References	Deleted NEDO-33201 from Reference list. NEDO-33201 is no longer referenced in the associated Bases. Renumbered subsequent references.
102.	16B.03.03.01.02, SR 03.03.01.02.01	Revised Frequency to revise "for four channels" to "for three channels" as described in response to RAI 16.2-150, S01.

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103.	16B.03.03.01.02, SR 03.03.01.02.01	Revised second sentence of second paragraph to refer to "required" divisions for consistency with LCO 3.3.1.2 and SR 3.3.1.2.1.
104.	16B.03.03.01.02, SR 03.03.01.02.01	Revised third paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
105.	16B.03.03.01.02, SR 03.03.01.02.02	Revised Frequency to revise "for four divisions" to "for three divisions" as described in response to RAI 16.2-150, S01.
106.	16B.03.03.01.02, SR 03.03.01.02.02	Revised second sentence of last paragraph to refer to "required" divisions for consistency with LCO 3.3.1.2 and SR 3.3.1.2.2.
107.	16B.03.03.01.02, SR 03.03.01.02.02	Added bracketed discussion of response time exclusions. See response to RAI 16.2-157, as modified by the response to RAI 16.2-164.
108.	16B.03.03.01.02, SR 03.03.01.02.02	Revised last paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
109.	16B.03.03.01.02, Surveillance Requirements	Revised Surveillance Requirement Bases by inserting discussions for new SR 3.3.1.2.1 (Channel Check), new SR 3.3.1.2.2 (Channel Functional Test), and renumbered existing SRs. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
110.	16B.03.03.01.03, Actions	Revised Actions A.1, B.1, C.1, D.1, and E.1 as described in response to RAI 16.2-138.
111.	16B.03.03.01.03, Actions	Revised Actions A.1 justification of Completion Time to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434.
112.	16B.03.03.01.03, Background	Revised the second paragraph discussion of the Reactor Mode Switch by deleting bracket phrase and for consistency with DCD 7.2.1.2.4.2, Manual Scram.
113.	16B.03.03.01.03, References	Deleted Reference 1. Associated document is no longer referenced in the Bases.

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114.	16B.03.03.01.03, SR 03.03.01.03.01	Revised SRs by combining SR 3.3.1.3.1 and SR 3.3.1.3.2. Revised combined Frequency to 24 months for consistency with changes made to LCO 3.3.1.3. Revised justification of surveillance interval by deleting probabilistic justification. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
115.	16B.03.03.01.04	All instances of 'Leave Alone Tolerance' revised to 'as-left tolerance' throughout Bases for consistency with NEDO-33304P. See responses to RAIs 16.2-146 and 16.2-149.
116.	16B.03.03.01.04 Surveillance Requirements	Added new discussion of SR 3.3.1.4.8 for consistency with changes made to TS 3.3.1.4 SR Table.
117.	16B.03.03.01.04, Actions	Discussion of Required Action B.1 is revised to reflect changes to Actions Table. Discussion of Required Action C.1 is deleted and subsequent Actions renumbered to reflect changes to Action Table. This change revises the changes contained in the response to RAI 16.2-134 S01.
118.	16B.03.03.01.04, Actions	Revised Actions to insert discussion of new Required Action F.1 for OPRM Function if Condition F (New Condition E) RA and Completion Time is not met. See response to RAI 16.2-161.
119.	16B.03.03.01.04, Actions A.1	Discussion of Action A.1 is revised to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434 and changes to RA A.1.
120.	16B.03.03.01.04, Actions D.1 and E.1	Revised Bases to refer to "NMS trip capability is not maintained" in place of "NMS Trip capability not restored with the allowed Completion Time," for consistency with changes to the Actions table. See response to RAI 16.2-134 S01.
121.	16B.03.03.01.04, Actions F.1 and F.2	Revised Bases to include "or if NMS trip capability is not maintained," for consistency with changes made to Actions table. See response to RAI 16.2-134 S01.
122.	16B.03.03.01.04, Actions F.1 and F.2	Discussion of Actions F.1 and F.2, paragraphs three and four, revised for consistency with NUREG-1434 and to remove dependence on NEDO-33201.

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Item	Location	Description of Change
123.	16B.03.03.01.04, Actions G.1	Revised Bases to refer to "NMS trip capability is not maintained" in place of "NMS Trip capability not restored with the allowed Completion Time," for consistency with changes to the Actions table. See response to RAI 16.2-134 S01.
124.	16B.03.03.01.04, Applicable Safety Analyses	Revised 4 th paragraph to delete discussion of "setting basis" and delete statement that Allowable Values are provided in the SCP. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
125.	16B.03.03.01.04, Applicable Safety Analyses	Revised 4 th paragraph to replace "NTSPs" with "NTSP _F s" for consistency with ESBWR setpoint methodology.
126.	16B.03.03.01.04, Applicable Safety Analyses	Deleted fifth paragraph discussion of NTSP. Discussion is repetitive to Background discussion and is encompassed in SCP and ESBWR setpoint methodology.
127.	16B.03.03.01.04, Applicable Safety Analyses, Function 01.a and 01.b	Revised fifth paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
128.	16B.03.03.01.04, Applicable Safety Analyses, Function 02.a	Revised fourth paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
129.	16B.03.03.01.04, Applicable Safety Analyses, Function 02.b	Revised third paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit," and description of the basis of the Allowable Value. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
130.	16B.03.03.01.04, Applicable Safety Analyses, Function 02.c	Revised third paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit," and description of the basis of the Allowable Value. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
131.	16B.03.03.01.04, Applicable Safety Analyses, Function 02.d	Deleted brackets and revised discussion of APRM – Inop Function for consistency with DCD Subsection 7.2.2.5.2.
132.	16B.03.03.01.04, Applicable Safety Analyses, Function 02.d	Revised fourth paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit," and description of the basis of the Allowable Value. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)

Chapter 16B Changes From Revision 4 to Revision 5

Item	Location	Description of Change
133.	16B.03.03.01.04, Applicable Safety Analyses, Function 03	Revised third and fourth paragraph discussions of Applicability and Allowable Values for consistency with changes incorporated in DCD Appendix 4D in Revision 5. These changes supersede the changes provide in response to RAI 16.2-161 with respect to Applicability and Analytical / Design Limits.
134.	16B.03.03.01.04, Applicable Safety Analyses, Function 03	Revised third paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
135.	16B.03.03.01.04, Applicable Safety Analyses, Function 2.a	Deleted Brackets surrounding "25%" RTP in second and fourth paragraphs. Consistent with DCD and Chapter 16, SL 2.1.1.1.
136.	16B.03.03.01.04, Applicable Safety Analyses, Function 02.a	Revised third paragraph to delete specific number of LPRMs required to be Operable. Reduce level of detail for consistency with DCD.
137.	16B.03.03.01.04, Applicable Safety Analyses, Function 02.c	Revised second paragraph to delete specific number of LPRMs required to be Operable. Reduce level of detail for consistency with DCD.
138.	16B.03.03.01.04, Applicable Safety Analyses, Function 02.d	Revised first paragraph to delete specific number of LPRMs required to be Operable. Reduce level of detail for consistency with DCD.
139.	16B.03.03.01.04, Applicable Safety Analyses, Function 03	Revised second paragraph to delete specific number of LPRMs required to be Operable. Reduce level of detail for consistency with DCD.
140.	16B.03.03.01.04, Background	Replaced "Valuable" with "Value" in 7 th paragraph. Editorial correction. Replaced "NTSP" with "NTSP _F " for consistency with ESBWR setpoint methodology.
141.	16B.03.03.01.04, Background	Revised second paragraph to delete last sentence. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
142.	16B.03.03.01.04, Background	Revised fourth paragraph to replace "NTSP" with "LTSP" and revised discussion for consistency with ESBWR setpoint methodology.

Chapter 16B Changes From Revision 4 to Revision 5

Item	Location	Description of Change
143.	16B.03.03.01.04, Background	Deleted fifth paragraph discussion of TS compliance problems. Excessive level of detail. Covered in SCP and ESBWR setpoint methodology. Also replace "NTSP" with "LTSP" for consistency with ESBWR setpoint methodology.
144.	16B.03.03.01.04, Background	Deleted sixth paragraph. Excessive, repetitive detail. Covered in SCP and ESBWR setpoint methodology.
145.	16B.03.03.01.04, Background	Revised 7 th paragraph to replace "NTSP" with "LTSP" and revised discussion for consistency with ESBWR setpoint methodology.
146.	16B.03.03.01.04, Background	Revised 7 th paragraph to delete parenthetical "(derived from the Setting Basis specified in Table 3.3.1.4-1)." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02).
147.	16B.03.03.01.04, References	Revised Reference 7 to indicate RTT acceptance criteria are provided in Chapter 15, and deleted References 8 and 9. See response to RAI 16.2-158.
148.	16B.03.03.01.04, References	Added Subsection 4D.3.2.2 as new Reference 6 for consistency with changes made in Function 3 discussion.
149.	16B.03.03.01.04, References	Deleted NEDO-33201 from Reference list. NEDO-33201 is no longer referenced in the associated Bases. Renumbered subsequent references.
150.	16B.03.03.01.04, SR 03.03.01.04.01	Revised discussion to include details of self-diagnostic features and testing overlap. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
151.	16B.03.03.01.04, SR 03.03.01.04.02	Revised first paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
152.	16B.03.03.01.04, SR 03.03.01.04.02	Revised second paragraph by deleting brackets surrounding "25%" RTP in multiple places. Consistent with DCD and Chapter 16 SL 2.1.1.1.
153.	16B.03.03.01.04, SR 03.03.01.04.03	Revised discussion to include details of overlap. Revised Frequency to 24 months based, in part, on online-diagnostics. Deleted discussion of setpoint adjustment. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).

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Item	Location	Description of Change
154.	16B.03.03.01.04, SR 03.03.01.04.05	Editorial - Inserted 'methods and assumptions required by the' in first paragraph as a clarification that the SCP provides methods and assumptions for channel calibrations. See responses to RAIs 16.2-146 and 16.2-149.
155.	16B.03.03.01.04, SR 03.03.01.04.05	Revised first paragraph to replace "NTSP" with "NTSP _F " and revised discussion for consistency with ESBWR setpoint methodology.
156.	16B.03.03.01.04, SR 03.03.01.04.05	Deleted third and fourth paragraph discussions of different instrumentation devices and corrective measures. These subjects are adequately addressed in NEDO-33304P, and thereby, the SCP. See responses to RAIs 16.2-146 and 16.2-149.
157.	16B.03.03.01.04, SR 03.03.01.04.05	In second paragraph, deleted reference to Reference 6. Channel Calibration intervals are set by the setpoint methodology assumptions; therefore, reference to NEDO-33201 is not appropriate.
158.	16B.03.03.01.04, SR 03.03.01.04.05	Deleted brackets surrounding description of Note 1. Consistency with DCD.
159.	16B.03.03.01.04, SR 03.03.01.04.06	Revised first paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
160.	16B.03.03.01.04, SR 03.03.01.04.07	Revised Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.
161.	16B.03.03.01.04, SR 03.03.01.04.07	Bracketed discussion of response time exclusions in second paragraph. See response to RAI 16.2-157, as modified by the response to RAI 16.2-164.
162.	16B.03.03.01.04, SR 03.03.01.04.07	Revised last paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
163.	16B.03.03.01.05, Actions	Discussion of Required Action B.1 is revised to reflect changes to Actions Table. Discussion of Required Action C.1 is deleted and subsequent Actions renumbered to reflect changes to Action Table. This change revises the changes contained in the response to RAI 16.2-134 S01.
164.	16B.03.03.01.05, Actions	Revised Bases to reflect changes to Actions Table. Added discussion of new Required Actions C.1, C.2, and D.1. Subsequent Actions renumbered. Consistency with DCD and requirements incorporated in LCO 3.3.1.4.

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Item	Location	Description of Change
165.	16B.03.03.01.05, Actions A.1	Discussion of Required Action A.1 is revised to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434.
166.	16B.03.03.01.05, Actions D.1 and E.1	Revised Bases to refer to "NMS trip capability is not maintained" in place of "NMS Trip capability not restored with the allowed Completion Time," for consistency with changes to the Actions table. See response to RAI 16.2-134 S01.
167.	16B.03.03.01.05, Applicability	Revised third paragraph discussion of Applicability and Allowable Values for consistency with changes incorporated in DCD Appendix 4D in Revision 5. These changes supersede the changes provide in response to RAI 16.2-161 with respect to Applicability.
168.	16B.03.03.01.05, Background	Revised third paragraph to replace "channels" with "divisions" for consistency with LCO 3.3.1.5 terminology.
169.	16B.03.03.01.05, References	Revised Reference 3 to indicate RTT acceptance criteria are provided in Chapter 15. See response to RAI 16.2-158.
170.	16B.03.03.01.05, References	Deleted NEDO-33201 from Reference list. NEDO-33201 is no longer referenced in the associated Bases. Renumbered subsequent references.
171.	16B.03.03.01.05, SR 03.03.01.05.01	Revised Frequency to revise "for four channels" to "for three channels" as described in response to RAI 16.2-150, S01.
172.	16B.03.03.01.05, SR 03.03.01.05.01	Revised third paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
173.	16B.03.03.01.05, SR 03.03.01.05.02	Revised third paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.
174.	16B.03.03.01.05, SR 03.03.01.05.02	Added bracketed discussion of response time exclusions in second paragraph. See responses to RAI 16.2-157, as modified by the response to RAI 16.2-164.
175.	16B.03.03.01.05, SR 03.03.01.05.02	Revised fourth paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.

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Item	Location	Description of Change
176.	16B.03.03.01.05, Surveillance Requirements	Revised Surveillance Requirement Bases by inserting discussions for new SR 3.3.1.5.1 (Channel Check), new SR 3.3.1.5.2 (Channel Functional Test), and renumbered existing SRs. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
177.	16B.03.03.01.06 Background	Revised third paragraph to delete reference to special movable detectors. Not currently supported by ESBWR design.
178.	16B.03.03.01.06 SR 03.03.01.06.07	Revised justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
179.	16B.03.03.01.06, Actions A.1 and A.2	Revised justification of Completion Time to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434.
180.	16B.03.03.01.06, LCO	Deleted fourth paragraph discussion of special movable detectors. Not currently supported by ESBWR design.
181.	16B.03.03.01.06, LCO	Removed brackets surrounding second and third paragraphs. Consistency with ESBWR design.
182.	16B.03.03.01.06, References	Deleted NEDO-33201 from Reference list. NEDO-33201 is no longer referenced in the associated Bases. Renumbered subsequent references.
183.	16B.03.03.01.06, SR 03.03.01.06.01 and SR 03.03.01.06.03	Revised discussion to delete reference to SR 3.3.1.6.3 and to include details of self-diagnostic features. Revised Frequency to 24 hours. Renumbered subsequent SRs. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
184.	16B.03.03.01.06, SR 03.03.01.06.02	Removed brackets surrounding first sentence. Consistency with ESBWR design.
185.	16B.03.03.01.06, SR 03.03.01.06.04	Deleted discussion of special movable detectors. Not currently supported by ESBWR design.
186.	16B.03.03.01.06, SR 03.03.01.06.05 and SR 03.03.01.06.06	Revised discussion to delete reference to SR 3.3.1.6.6 and to include details of self-diagnostic features. Revised Frequency to 24 months. Renumbered subsequent SRs. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).

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Item	Location	Description of Change
187.	16B.03.03.02.01, Surveillance Requirements	Inserted discussion of new SR 3.3.2.1.7 5 for consistency with changes to LCO 3.3.2.1.
188.	16B.03.03.02.01, Actions	Revised description of Actions A.1, B.1, C.1, D.1 and D.2 for consistency with changes made to Conditions and required Actions by inserting "required." Editorial
189.	16B.03.03.02.01, Actions	Inserted discussion of new Required Action C.1 for consistency with changes to LCO 3.3.2.1. Renumbered subsequent Actions.
190.	16B.03.03.02.01, Actions C.1	Revised discussion to include MRBM for consistency with changes to LCO 3.3.2.1.
191.	16B.03.03.02.01, Applicable Safety Analyses	Revised first sentence of first paragraph to replace "FICSL" with "SLMCPR." See response to RAI 15.0-16 S01.
192.	16B.03.03.02.01, Applicable Safety Analyses	Added new discussion of Function 1.c, MRBM. Consistency with Changes made to LCO 3.3.2.1 and with DCD.
193.	16B.03.03.02.01, Applicable Safety Analyses, Function 01.a	Revised fourth paragraph to replace "LPSP" with "ATLM Enable Setpoint" to differentiate from LPSP for the RWM and to remove brackets surrounding "30"% RTP to reflect finalized presentation.
194.	16B.03.03.02.01, Applicable Safety Analyses, Function 01.b	Revised paragraph 4 to correct value for the RWE fuel damage limit from "711 J/g (170 cal/gm)" to "712 J/g (170 cal/gm)" for consistency with DCD Chapter 15.
195.	16B.03.03.02.01, Applicable Safety Analyses, Function 01.b	Deleted brackets and revised description of GWSR for consistency with description provided in DCD Subsection 7.7.2.2.6.
196.	16B.03.03.02.01, Applicable Safety Analyses, Function 01.b	Revised fourth paragraph to remove brackets surrounding "10"% RTP to reflect finalized presentation.
197.	16B.03.03.02.01, Background	Revised description of MLHGR in second paragraph from "minimum" to "maximum" linear heat generation rate. Consistency with DCD.

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Item	Location	Description of Change
198.	16B.03.03.02.01, Background	Revised second sentence of second paragraph to replace "Fuel Cladding Integrity Safety Limit (FCISL)" with "Safety Limit MCPR (SLMCPR)." See response to RAI 15.0-16 S01.
199.	16B.03.03.02.01, Background	Inserted new paragraph 3 ATLM discussion to describe feedwater temperature control rod block and SCCRI/SRI actuation provided by ATLM. Consistency with DCD.
200.	16B.03.03.02.01, Background	Revised first paragraph to include discussion of MRBM. Consistency with DCD.
201.	16B.03.03.02.01, Background	Added new paragraph 5 to discuss MRBM. Consistency with Changes made to LCO 3.3.2.1 and with DCD.
202.	16B.03.03.02.01, Background	Revised second paragraph to replace "LPSP" with "ATLM Enable Setpoint" to differentiate from LPSP for the RWM.
203.	16B.03.03.02.01, References	Inserted new References 2 and 3 for Subsections 15.2.1 and 15.3.1, respectively, for ATLM discussion. Renumbered subsequent References. Consistency with DCD.
204.	16B.03.03.02.01, References	Deleted Reference 4. NEDO-33201 is not used as a reference in these Bases.
205.	16B.03.03.02.01, SR 03.03.02.01.01	Revised Frequency to 24 months based, in part, on online-diagnostics. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
206.	16B.03.03.02.01, SR 03.03.02.01.01	Revised second paragraph to remove brackets surrounding "30"% RTP. To reflect finalized presentation.
207.	16B.03.03.02.01, SR 03.03.02.01.02 and SR 03.03.02.01.03	Revised Frequency to 24 months based, in part, on online-diagnostics. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
208.	16B.03.03.02.01, SR 03.03.02.01.02 and SR 03.03.02.01.03	Revised to remove brackets surrounding "10"% RTP. To reflect finalized presentation.
209.	16B.03.03.02.01, SR 03.03.02.01.04	Revised to remove brackets surrounding "10"% RTP. To reflect finalized presentation.
210.	16B.03.03.02.01, SR 03.03.02.01.04	Revised discussion to delete reference to "automatic" and "automatically" for consistency with DCD level of detail.

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Item	Location	Description of Change
211.	16B.03.03.02.01, SR 03.03.02.01.05	Revised to remove brackets surrounding "30"% RTP. To reflect finalized presentation.
212.	16B.03.03.02.01, SR 03.03.02.01.05	Revised discussion to delete reference to "automatic" and "automatically" for consistency with DCD level of detail.
213.	16B.03.03.02.01, SR 03.03.02.01.05	Revised discussion to delete reference to "LPSP" with "ATLM Enable Setpoint" to differentiate from RWM LPSP..
214.	16B.03.03.02.01, Surveillance Requirements	Revised discussion of Note 2 to insert "required," consistent with changes made to the TS 3.3.2.1 SR Table Note. Editorial.
215.	16B.03.03.02.01, Surveillance Requirements	Revised discussion of SRs 3.3.2.1.1, 3.3.2.1.2, 3.3.2.1.3, 3.3.2.1.4 and 3.3.2.1.5 for consistency with changes related to "required" channels. Editorial.
216.	16B.03.03.02.01, Surveillance Requirements	Revised second paragraph discussion of SR Note justification. Consistency with the ESBWR PRA.
217.	16B.03.03.02.01, Surveillance Requirements	Inserted discussion of new SR 3.3.2.1.1, "CHANNEL CHECK" for consistency with changes to LCO SR Table. Renumbered subsequent SRs. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
218.	16B.03.03.02.01, Surveillance Requirements	Inserted discussion of new SR 3.3.2.1.5 for consistency with changes to LCO 3.3.2.1.
219.	16B.03.03.03.01, Applicable Safety Analyses	Added paragraph to discuss actions required to promptly shutdown the reactor to MODE 3 and maintain the plant in a safe condition in MODE 3. Consistency with DCD 7.4.2.4.
220.	16B.03.03.03.01, LCO	Revised LCO by deleting list of Functions. Only the RPS Division 1 and Division 2 manual scram switches are required to promptly shutdown the reactor to MODE 3 and maintain the plant in a safe condition in MODE 3. Consistency with DCD 7.4.2.4.
221.	16B.03.03.03.01, SR 03.03.03.01.01	Revised discussion of SR 3.3.3.1 to discuss Channel Functional Test at same level of detail as provided in TS SR 3.3.1.3.1 Bases, in lieu of Channel Check. Consistency with changes made to TS 3.3.3.1 SR Table.
222.	16B.03.03.03.01, SR 03.03.03.01.02	Deleted discussion of SR 3.3.3.1.2. Consistency with changes made to TS 3.3.3.1 SR Table.

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Item	Location	Description of Change
223.	16B.03.03.03.01, SR 03.03.03.01.03	Deleted discussion of SR 3.3.3.1.3. Consistency with changes made to TS 3.3.3.1 SR Table.
224.	16B.03.03.03.02, Background	Deleted Reviewer's Note. See response to RAI 16.2-164.
225.	16B.03.03.03.02, LCO	Deleted Reviewer's Note. See response to RAI 16.2-164.
226.	16B.03.03.04.01, Actions E.1	Revised Actions E.1 by adding reference to Required Action E.2. Revised Bases to discuss exiting the Mode of Applicability. Deleted second paragraph since remaining in the Applicability of the LCO is prohibited with the addition of ACTION E.2. See response to RAI 16.0-7, S01.
227.	16B.03.03.04.01, Background	Description of drywell floor drain high conductivity water (HCW) sump monitoring system detection capability revised for consistency with DCD Subsection 5.2.5.2.1.
228.	16B.03.03.04.01, References	Deleted References 4 and 5. NEDO-33201 and TSTF-IG-05-02 are not used as references in these Bases.
229.	16B.03.03.04.01, SR 03.03.04.01.01	Revised discussion for consistency with similar discussions and to include details of self-diagnostic features. Revised Frequency to 24 hours. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
230.	16B.03.03.04.01, SR 03.03.04.01.02	Revised discussion for consistency with similar discussions and deleted details of performance. Revised Frequency to 24 months based, in part, on online-diagnostics. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
231.	16B.03.03.05.01	All instances of 'Leave Alone Tolerance' revised to 'as-left tolerance' throughout Bases for consistency with NEDO-33304P. See responses to RAIs 16.2-146 and 16.2-149.
232.	16B.03.03.05.01, Actions	Discussion of Required Action A.1 is revised to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434 and with DCD Reference 7.3-1.
233.	16B.03.03.05.01, Actions	Discussion of Required Action B.1 is revised to reflect changes to Actions Table. Discussion of Required Action C.1 is deleted.

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Item	Location	Description of Change
234.	16B.03.03.05.01, Applicable Safety Analyses	Revised 3 rd paragraph to delete discussion of "setting basis" and delete statement that Allowable Values are provided in the SCP. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
235.	16B.03.03.05.01, Applicable Safety Analyses	Revised 3 rd paragraph to replace "NTSPs" with "NTSP _F s" for consistency with ESBWR setpoint methodology.
236.	16B.03.03.05.01, Applicable Safety Analyses	Deleted fourth paragraph discussion of NTSP. Discussion is repetitive to Background discussion and is encompassed in SCP and ESBWR setpoint methodology.
237.	16B.03.03.05.01, Applicable Safety Analyses, Function 02	Revised first paragraph by deleting last sentence defining the Setting Basis. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
238.	16B.03.03.05.01, Background	Replaced "Valuable" with "Value" in 8 th paragraph. Editorial correction. Replaced "NTSP" with "NTSP _F " for consistency with ESBWR setpoint methodology.
239.	16B.03.03.05.01, Background	Revised 3 rd paragraph to delete last sentence. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
240.	16B.03.03.05.01, Background	Revised fifth paragraph to replace "NTSP" with "LTSP" and revised discussion for consistency with ESBWR setpoint methodology.
241.	16B.03.03.05.01, Background	Deleted sixth paragraph discussion of TS compliance problems. Excessive level of detail. Covered in SCP and ESBWR setpoint methodology. Also replace "NTSP" with "LTSP" for consistency with ESBWR setpoint methodology.
242.	16B.03.03.05.01, Background	Deleted first sentence of seventh paragraph. Excessive, repetitive detail. Covered in SCP and ESBWR setpoint methodology. Also revised discussion for consistency with ESBWR setpoint methodology.
243.	16B.03.03.05.01, Background	Revised 7 th paragraph to replace "NTSP" with "LTSP" for consistency with ESBWR setpoint methodology.
244.	16B.03.03.05.01, Background	Revised 7 th paragraph to delete parenthetical "(derived from the Setting Basis specified in Table 3.3.1.1-1)." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
245.	16B.03.03.05.01, Background	Revised paragraph 13, 16, and 17 to describe three-out-of-three confirmation logic for squib valves. Consistency with DCD 7.3.1.2.2.

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Item	Location	Description of Change
246.	16B.03.03.05.01, References	Revised Reference 5 to indicate RTT acceptance criteria are provided in Chapter 15, and deleted Reference 6. See response to RAI 16.2-158.
247.	16B.03.03.05.01, References	Deleted NEDO-33201 from Reference list. NEDO-33201 is no longer referenced in the associated Bases. Renumbered subsequent references.
248.	16B.03.03.05.01, SR 03.03.05.01.01	Revised discussion to include details of overlap and self-diagnostics. Revised Frequency to 24 hours based, in part, on online-diagnostics. Deleted discussion of setpoint adjustment. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
249.	16B.03.03.05.01, SR 03.03.05.01.02	Revised discussion to include details of overlap. Revised Frequency to 24 months based, in part, on online-diagnostics. Deleted discussion of setpoint adjustment. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
250.	16B.03.03.05.01, SR 03.03.05.01.03	Editorial - Inserted 'methods and assumptions required by the' in first paragraph as a clarification that the SCP provides methods and assumptions for channel calibrations. See responses to RAIs 16.2-146 and 16.2-149.
251.	16B.03.03.05.01, SR 03.03.05.01.03	Revised first paragraph to replace "NTSP" with "NTSP _F " and revised discussion for consistency with ESBWR setpoint methodology.
252.	16B.03.03.05.01, SR 03.03.05.01.03	In second paragraph, deleted reference to Reference 4. Channel Calibration intervals are set by the setpoint methodology assumptions; therefore, reference to NEDO-33201 is not appropriate. See responses to RAIs 16.2-146 and 16.2-149.
253.	16B.03.03.05.01, SR 03.03.05.01.03	Deleted third and fourth paragraph discussions of different instrumentation devices and corrective measures. These subjects are adequately addressed in NEDO-33304P, and thereby, the SCP. See responses to RAIs 16.2-146 and 16.2-149.
254.	16B.03.03.05.01, SR 03.03.05.01.04	Revised third paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.

Chapter 16B Changes From Revision 4 to Revision 5

Item	Location	Description of Change
255.	16B.03.03.05.01, SR 03.03.05.01.04	Deleted last sentence of second paragraph, added bracketed discussion of response time exclusions as third paragraph. See responses to RAI 16.2-157, as modified by the response to RAI 16.2-164.
256.	16B.03.03.05.01, SR 03.03.05.01.04	Revised reference to SR 3.3.5.2.2 to SR 3.3.5.2.4 for consistency with other changes. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
257.	16B.03.03.05.01, SR 03.03.05.01.04	Revised last paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
258.	16B.03.03.05.02, Actions	Discussion of Required Action B.1 is revised to reflect changes to Actions Table. Discussion of Required Action C.1 is deleted based on combining Conditions B and C in LCO 3.3.5.2.
259.	16B.03.03.05.02, Actions	Discussion of Required Action A.1 is revised to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434.
260.	16B.03.03.05.02, Applicable Safety Analyses, Function 01	Revised Function 1 Applicability to include Mode 5 and Mode 6 prior to removal of the reactor pressure vessel head. See response to RAI 16.2-74 S02.
261.	16B.03.03.05.02, Applicable Safety Analyses, Function 02	Revised discussion to refer to "buffer" pool instead of "new fuel" pool. Editorial for consistency with DCD 9.1.4.5.
262.	16B.03.03.05.02, Applicable Safety Analyses, Function 03	Revised Applicability of Function 3 to include Modes 5 and 6, except with the buffer pool gate removed and water level ≥ 7.01 meters (23.0 feet) over the top of the reactor pressure vessel flange for consistency with changes made to LCO 3.5.3.
263.	16B.03.03.05.02, Applicable Safety Analyses, Function 04	Revised Applicability of Function 4 to include Modes 3 and 4. Consistency with changes made in LCO 3.3.5.2 Table 3.3.5.2-1 and consistent with LCO 3.1.7.
264.	16B.03.03.05.02, References	Revised Reference 4 to indicate RTT acceptance criteria are provided in Chapter 15. See response to RAI 16.2-158.
265.	16B.03.03.05.02, References	Deleted NEDO-33201 from Reference list. NEDO-33201 is no longer referenced in the associated Bases. Renumbered subsequent references.

Chapter 16B Changes From Revision 4 to Revision 5

Item	Location	Description of Change
266.	16B.03.03.05.02, SR 03.03.05.02.01	Revised second paragraph discussion of Frequency to revise "for four divisions" to "for three divisions" and inserted "required" as described in response to RAI 16.2-150, S01.
267.	16B.03.03.05.02, SR 03.03.05.02.01	Revised last paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434 and with DCD Reference 7.3-1.
268.	16B.03.03.05.02, SR 03.03.05.02.02	Revised third paragraph discussion of Frequency to revise "for four divisions" to "for three divisions" and inserted "required" as described in response to RAI 16.2-150, S01.
269.	16B.03.03.05.02, SR 03.03.05.02.02	Added bracketed discussion of response time exclusions as third paragraph. See responses to RAI 16.2-157, as modified by the response to RAI 16.2-164.
270.	16B.03.03.05.02, SR 03.03.05.02.02	Revised last paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434 and with DCD Reference 7.3-1.
271.	16B.03.03.05.02, Surveillance Requirements	Inserted discussion of new SR 3.3.5.2.1, "CHANNEL CHECK" and SR 3.3.5.2.2, "CHANNEL FUNCTIONAL TEST" for consistency with changes to LCO SR Table. Renumbered subsequent SRs. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
272.	16B.03.03.05.03	All instances of 'Leave Alone Tolerance' revised to 'as-left tolerance' throughout Bases for consistency with NEDO-33304P. See responses to RAIs 16.2-146 and 16.2-149.
273.	16B.03.03.05.03, Actions	Combined discussion of Actions B.1 and C.1, deleted Actions C.1 discussion, and revised discussion for consistency with changes made to LCO Actions Table described in RAI 16.2-162.
274.	16B.03.03.05.03, Actions A.1	Revised discussion for consistency with changes made to LCO Actions Table described in RAI 16.2-162. Also, revised discussion to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434.
275.	16B.03.03.05.03, Applicable Safety Analyses	Revised 4 th paragraph to delete discussion of "setting basis." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)

Chapter 16B Changes From Revision 4 to Revision 5

Item	Location	Description of Change
276.	16B.03.03.05.03, Applicable Safety Analyses	Revised 4 th paragraph to replace "NTSPs" with "NTSP _F s" and deleted "Allowable Values" from second sentence for consistency with ESBWR setpoint methodology.
277.	16B.03.03.05.03, Applicable Safety Analyses	Deleted fifth paragraph discussion of NTSP. Discussion is repetitive to Background discussion and is encompassed in SCP and ESBWR setpoint methodology.
278.	16B.03.03.05.03, Applicable Safety Analyses, Function 01	Revised 2 nd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
279.	16B.03.03.05.03, Applicable Safety Analyses, Function 04	Revised second and fourth paragraph to delete details of MSIV construction and correct discussion of logic for consistency with DCD, Chapter 5.
280.	16B.03.03.05.03, Applicable Safety Analyses, Function 04	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
281.	16B.03.03.05.03, Applicable Safety Analyses, Function 05	Revised first and second paragraphs by deleting level of detail for consistency with DCD.
282.	16B.03.03.05.03, Applicable Safety Analyses, Function 05	Revised 2 nd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
283.	16B.03.03.05.03, Background	Revised eighth paragraph, item 4, to correct discussion of logic for consistency with DCD, Chapter 5.
284.	16B.03.03.05.03, Background	Revised 2 nd paragraph to delete last sentence. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
285.	16B.03.03.05.03, Background	Revised fourth paragraph to replace "NTSP" with "LTSP" and revised discussion for consistency with ESBWR setpoint methodology.
286.	16B.03.03.05.03, Background	Deleted fifth paragraph discussion of TS compliance problems. Excessive level of detail. Covered in SCP and ESBWR setpoint methodology. Also replace "NTSP" with "LTSP" for consistency with ESBWR setpoint methodology.
287.	16B.03.03.05.03, Background	Deleted first sentence of sixth paragraph. Excessive, repetitive detail. Covered in SCP and ESBWR setpoint methodology. Also revised discussion for consistency with ESBWR setpoint methodology.

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Item	Location	Description of Change
288.	16B.03.03.05.03, Background	Revised 6 th paragraph to delete parenthetical "(derived from the Setting Basis specified in Table 3.3.1.1-1)." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
289.	16B.03.03.05.03, Background	Revised seventh paragraph to replace "NTSP" with "LTSP" for consistency with ESBWR setpoint methodology.
290.	16B.03.03.05.03, References	Revised Reference 3 to indicate RTT acceptance criteria are provided in Chapter 15, and deleted Reference 4. See response to RAI 16.2-158.
291.	16B.03.03.05.03, References	Deleted NEDO-33201 from Reference list. NEDO-33201 is no longer referenced in the associated Bases. Renumbered subsequent references.
292.	16B.03.03.05.03, SR 03.03.05.03.01	Revised discussion to include details of overlap and self-diagnostics. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
293.	16B.03.03.05.03, SR 03.03.05.03.02	Revised discussion to include details of overlap. Revised Frequency to 24 months based, in part, on online-diagnostics. Deleted discussion of setpoint adjustment. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
294.	16B.03.03.05.03, SR 03.03.05.03.03	Editorial - Inserted 'methods and assumptions required by the' in first paragraph as a clarification that the SCP provides methods and assumptions for channel calibrations. See responses to RAIs 16.2-146 and 16.2-149.
295.	16B.03.03.05.03, SR 03.03.05.03.03	Revised first paragraph to replace "NTSP" with "NTSP _F " and revised discussion for consistency with ESBWR setpoint methodology.
296.	16B.03.03.05.03, SR 03.03.05.03.03	In second paragraph, deleted reference to Reference 2. Channel Calibration intervals are set by the setpoint methodology assumptions; therefore, reference to NEDO-33201 is not appropriate. See responses to RAIs 16.2-146 and 16.2-149.
297.	16B.03.03.05.03, SR 03.03.05.03.03	Deleted third and fourth paragraph discussions of different instrumentation devices and corrective measures. These subjects are adequately addressed in NEDO-33304P, and thereby, the SCP. See responses to RAIs 16.2-146 and 16.2-149.

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Item	Location	Description of Change
298.	16B.03.03.05.03, SR 03.03.05.03.04	Revised second paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted clarification that each required channel is alternately tested as described in response to RAI 16.2-150, S01.
299.	16B.03.03.05.03, SR 03.03.05.03.04	Deleted last sentence of first paragraph, reformatted first paragraph into two paragraphs, added bracketed discussion of response time exclusions as third paragraph. See responses to RAI 16.2-157, as modified by the response to RAI 16.2-164.
300.	16B.03.03.05.03, SR 03.03.05.03.04	Revised reference to SR 3.3.5.4.2 to SR 3.3.5.4.4 for consistency with other changes. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
301.	16B.03.03.05.03, SR 03.03.05.03.04	Revised last paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
302.	16B.03.03.05.04, Actions	Combined discussion of Actions B.1 and C.1, deleted Actions C.1 discussion, and revised discussion for consistency with changes made to LCO Actions Table described in RAI 16.2-162.
303.	16B.03.03.05.04, Actions A.1	Revised discussion to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434.
304.	16B.03.03.05.04, Background	Replaced "Valuable" with "Value" in 7 th paragraph. Editorial correction.
305.	16B.03.03.05.04, Background	Revised paragraph twelve by deleting last sentence concerning single-failure protection for squib firing. Consistency with DCD.
306.	16B.03.03.05.04, References	Revised Reference 3 to indicate RTT acceptance criteria are provided in Chapter 15. See response to RAI 16.2-158.
307.	16B.03.03.05.04, References	Deleted NEDO-33201 from Reference list. NEDO-33201 is no longer referenced in the associated Bases. Renumbered subsequent references.
308.	16B.03.03.05.04, SR 03.03.05.04.01	Revised second paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.

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Item	Location	Description of Change
309.	16B.03.03.05.04, SR 03.03.05.04.01	Revised last paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
310.	16B.03.03.05.04, SR 03.03.05.04.02	Revised third paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.
311.	16B.03.03.05.04, SR 03.03.05.04.02	Added bracketed discussion of response time exclusions as third paragraph. See responses to RAI 16.2-157, as modified by the response to RAI 16.2-164.
312.	16B.03.03.05.04, SR 03.03.05.04.02	Revised last paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
313.	16B.03.03.05.04, Surveillance Requirements	Inserted discussion of new SR 3.3.5.4.1, "CHANNEL CHECK" and SR 3.3.5.4.2, "CHANNEL FUNCTIONAL TEST" for consistency with changes to LCO SR Table. Renumbered subsequent SRs. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
314.	16B.03.03.06.01	All instances of 'Leave Alone Tolerance' revised to 'as-left tolerance' throughout Bases for consistency with NEDO-33304P. See responses to RAIs 16.2-146 and 16.2-149.
315.	16B.03.03.06.01, Actions	Discussion of Required Action B.1 is revised to reflect changes to Actions Table. Discussion of Required Action C.1 is deleted and subsequent Actions renumbered to reflect changes to Action Table. This change revises the changes contained in the response to RAI 16.2-134 S01.
316.	16B.03.03.06.01, Actions	Discussion of Required Action A.1 is revised to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434 and changes to RA A.1.
317.	16B.03.03.06.01, Actions	Discussion of Required Action D.1 revised to delete probabilistic justification of Completion Time consistent with presentation in NUREG-1434.
318.	16B.03.03.06.01, Actions D.1 and E.1	Revised Bases to refer to "MSIV isolation capability is not maintained" in place of "MSIV isolation capability not restored with the allowed Completion Time," for consistency with changes to the Actions table. See response to RAI 16.2-134 S01.
319.	16B.03.03.06.01, Actions E.1	Revised discussion to include MSL drain isolation valves. Consistency with design.

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Item	Location	Description of Change
320.	16B.03.03.06.01, Applicable Safety Analyses	Revised first paragraph and descriptions of Functions 1, 2, 3, 4, and 5 to specifically include MSL drain isolation valves. Consistency with design.
321.	16B.03.03.06.01, Applicable Safety Analyses	Revised 4 th paragraph to delete discussion of "setting basis" and delete statement that Allowable Values are provided in the SCP. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
322.	16B.03.03.06.01, Applicable Safety Analyses	Revised 4 th paragraph to replace "NTSPs" with "NTSP _{F-S} " for consistency with ESBWR setpoint methodology.
323.	16B.03.03.06.01, Applicable Safety Analyses	Deleted fifth paragraph discussion of NTSP. Discussion is repetitive to Background discussion and is encompassed in SCP and ESBWR setpoint methodology.
324.	16B.03.03.06.01, Applicable Safety Analyses, Function 01	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
325.	16B.03.03.06.01, Applicable Safety Analyses, Function 02	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
326.	16B.03.03.06.01, Applicable Safety Analyses, Function 03	Revised 2 nd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
327.	16B.03.03.06.01, Applicable Safety Analyses, Function 04	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
328.	16B.03.03.06.01, Applicable Safety Analyses, Function 05	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
329.	16B.03.03.06.01, Applicable Safety Analyses, Function 05	Revised by deleting last two paragraphs and replacing with description of Mode 1 Applicability. Consistency with DCD and changes to Table 3.3.6.1-1.
330.	16B.03.03.06.01, Applicable Safety Analyses, Function 05	Revised title and second paragraph to include '(per condenser),' for consistency with DCD.

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Item	Location	Description of Change
331.	16B.03.03.06.01, Applicable Safety Analyses, Function 06, 07	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
332.	16B.03.03.06.01, Applicable Safety Analyses, Functions 06, 07	Deleted brackets and revised description of basis for the Analytical/Design Limit in last paragraph for consistency with DCD Subsection 5.2.5.1.2.
333.	16B.03.03.06.01, Background	Replaced "Valuable" with "Value" in 7 th paragraph. Editorial correction. Replaced "NTSP" with "NTSP _F " for consistency with ESBWR setpoint methodology.
334.	16B.03.03.06.01, Background	Revised first paragraph to include MSL drain isolation valves. Isolation of the mainstream drain lines is performed by the RTIF platform, not the SSLC/ESF platform. These Functions will be addressed in LCO 3.3.6.1. Consistency with design.
335.	16B.03.03.06.01, Background	Revised 11 th paragraph to reduce the level of design detail and include MSL drain isolation valves. Consistency with design.
336.	16B.03.03.06.01, Background	Deleted 12 th paragraph to reduce level of design detail. Consistency with level of detail provided in NUREG-1434.
337.	16B.03.03.06.01, Background	Revised 2 nd paragraph to delete last sentence. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
338.	16B.03.03.06.01, Background	Revised fourth paragraph to replace "NTSP" with "LTSP" and revised discussion for consistency with ESBWR setpoint methodology.
339.	16B.03.03.06.01, Background	Deleted fifth paragraph discussion of TS compliance problems. Excessive level of detail. Covered in SCP and ESBWR setpoint methodology. Also replace "NTSP" with "LTSP" for consistency with ESBWR setpoint methodology.
340.	16B.03.03.06.01, Background	Deleted first sentence of 6 th paragraph. Excessive, repetitive detail. Covered in SCP and ESBWR setpoint methodology. Also replaced "NTSP" with "LTSP" and revised discussion for consistency with ESBWR setpoint methodology.
341.	16B.03.03.06.01, Background	Revised 6 th paragraph to delete parenthetical "(derived from the Setting Basis specified in Table 3.3.1.1-1)." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)

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Item	Location	Description of Change
342.	16B.03.03.06.01, References	Revised Reference 10 to indicate RTT acceptance criteria are provided in Chapter 15, and deleted References 11 and 12. See response to RAI 16.2-158.
343.	16B.03.03.06.01, References	Deleted NEDO-33201 from Reference list. NEDO-33201 is no longer referenced in the associated Bases. Renumbered subsequent references.
344.	16B.03.03.06.01, SR 03.03.06.01.01	Revised discussion to include details of overlap and self-diagnostics. Deleted discussion of setpoint adjustment. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
345.	16B.03.03.06.01, SR 03.03.06.01.02	Revised discussion to include details of overlap. Revised Frequency to 24 months based, in part, on online-diagnostics. Deleted discussion of setpoint adjustment. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
346.	16B.03.03.06.01, SR 03.03.06.01.03	Editorial - Inserted 'methods and assumptions required by the' in first paragraph as a clarification that the SCP provides methods and assumptions for channel calibrations. See responses to RAIs 16.2-146 and 16.2-149.
347.	16B.03.03.06.01, SR 03.03.06.01.03	Revised first paragraph to replace "NTSP" with "NTSP _F " and revised discussion for consistency with ESBWR setpoint methodology.
348.	16B.03.03.06.01, SR 03.03.06.01.03	In second paragraph, deleted reference to Reference 9. Channel Calibration intervals are set by the setpoint methodology assumptions; therefore, reference to NEDO-33201 is not appropriate. See responses to RAIs 16.2-146 and 16.2-149.
349.	16B.03.03.06.01, SR 03.03.06.01.03	Deleted third paragraph discussions of different instrumentation devices and corrective measures. These subjects are adequately addressed in NEDO-33304P, and thereby, the SCP. See responses to RAIs 16.2-146 and 16.2-149.
350.	16B.03.03.06.01, SR 03.03.06.01.04	Revised third paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.
351.	16B.03.03.06.01, SR 03.03.06.01.04	Bracketed discussion of response time exclusions in second paragraph. See responses to RAI 16.2-157, as modified by the response to RAI 16.2-164.

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Item	Location	Description of Change
352.	16B.03.03.06.01, SR 03.03.06.01.04	Revised reference to SR 3.3.6.2.2 to SR 3.3.6.2.4 for consistency with other changes. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
353.	16B.03.03.06.01, SR 03.03.06.01.04	Revised last paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
354.	16B.03.03.06.02, Background	Revised first and third paragraphs to include MSL drain isolation valves. Isolation of the mainstream drain lines is performed by the RTIF platform, not the SSLC/ESF platform. These Functions will be addressed in LCO 3.3.6.2. Consistency with design.
355.	16B.03.03.06.02, Actions	Discussion of Required Action A.1 is revised to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434 and changes to RA A.1.
356.	16B.03.03.06.02, Actions	Discussion of Required Action B.1 is revised to reflect changes to Actions Table. Discussion of Required Action C.1 is deleted.
357.	16B.03.03.06.02, Actions B.1	Revised second paragraph to include MSL drain isolation valves. Isolation of the mainstream drain lines is performed by the RTIF platform, not the SSLC/ESF platform. These Functions will be addressed in LCO 3.3.6.2. Consistency with design.
358.	16B.03.03.06.02, Actions C.1	Revised discussion to include MSL drain isolation valves. Isolation of the mainstream drain lines is performed by the RTIF platform, not the SSLC/ESF platform. These Functions will be addressed in LCO 3.3.6.2. Consistency with design.
359.	16B.03.03.06.02, Applicable Safety Analyses	Revised first paragraph to include MSL drain isolation valves. Isolation of the mainstream drain lines is performed by the RTIF platform, not the SSLC/ESF platform. These Functions will be addressed in LCO 3.3.6.2. Consistency with design.
360.	16B.03.03.06.02, References	Revised Reference 4 to indicate RTT acceptance criteria are provided in Chapter 15. See response to RAI 16.2-158.
361.	16B.03.03.06.02, References	Deleted NEDO-33201 from Reference list. NEDO-33201 is no longer referenced in the associated Bases. Renumbered subsequent references.

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Item	Location	Description of Change
362.	16B.03.03.06.02, SR 03.03.06.02.01	Revised second paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.
363.	16B.03.03.06.02, SR 03.03.06.02.01	Revised third paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
364.	16B.03.03.06.02, SR 03.03.06.02.02	Revised second paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.
365.	16B.03.03.06.02, SR 03.03.06.02.02	Added bracketed discussion of response time exclusions as second paragraph. See responses to RAI 16.2-157, as modified by the response to RAI 16.2-164.
366.	16B.03.03.06.02, Surveillance Requirements	Inserted discussion of new SR 3.3.6.2.1, "CHANNEL CHECK" and SR 3.3.6.2.2, "CHANNEL FUNCTIONAL TEST" for consistency with changes to LCO SR Table. Renumbered subsequent SRs. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
367.	16B.03.03.06.03	All instances of 'Leave Alone Tolerance' revised to 'as-left tolerance' throughout Bases for consistency with NEDO-33304P. See responses to RAIs 16.2-146 and 16.2-149.
368.	16B.03.03.06.03, Actions	Discussion of Required Action B.1 is revised to reflect changes to Actions Table. Discussion of Required Action C.1 is deleted and subsequent Actions renumbered to reflect changes to Action Table. This change revises the changes contained in the response to RAI 16.2-134 S01.
369.	16B.03.03.06.03, Actions	Discussion of Required Action A.1 is revised to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434 and changes to RA A.1.
370.	16B.03.03.06.03, Actions	Discussion of Required Action F.1 is revised to reflect changes to Actions Table. Discussion of Required Action G.1 is deleted and subsequent Actions renumbered to reflect changes to Action Table.
371.	16B.03.03.06.03, Actions D.1 E.1, F.1, H.1 and H.2	Revised Bases to refer to "isolation capability is not maintained" for consistency with changes to the Actions table. See response to RAI 16.2-134 S01.

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Item	Location	Description of Change
372.	16B.03.03.06.03, Actions E.1	Deleted discussion for Actions E.1 and renumbered remaining Functions. Consistency with changes made to LCO 3.3.6.3 Actions Table, relocating main steam drain line isolation Functions to LCO 3.3.6.1.
373.	16B.03.03.06.03, Applicable Safety Analyses	Deleted discussions for Functions 4, 5, 6 and 8 and renumbered remaining Functions. Consistency with changes made to LCO Table 3.3.6.3-1, relocating main steam drain line isolation Functions to LCO 3.3.6.1.
374.	16B.03.03.06.03, Applicable Safety Analyses	Revised title for LCO 3.6.3.1 in first paragraph to read "Reactor Building (Contaminated Area Ventilation Subsystem (CONAVS) Area)."
375.	16B.03.03.06.03, Applicable Safety Analyses	Revised 5 th paragraph to delete discussion of "setting basis" and delete statement that Allowable Values are provided in the SCP. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
376.	16B.03.03.06.03, Applicable Safety Analyses	Revised third paragraph to delete brackets and delete reference to feedwater pump breaker trip for consistency with DCD.
377.	16B.03.03.06.03, Applicable Safety Analyses	Added discussions new Function 10, "Reactor Building Exhaust Radiation - High," Function 11, "Drywell Water Level - High," and Function 12, "Reactor Vessel Water Level - Low, Level 0.5," for consistency with DCD.
378.	16B.03.03.06.03, Applicable Safety Analyses	Revised fifth paragraph to replace "NTSPs" with "NTSP _F s" for consistency with ESBWR setpoint methodology.
379.	16B.03.03.06.03, Applicable Safety Analyses	Deleted sixth paragraph discussion of NTSP. Discussion is repetitive to Background discussion and is encompassed in SCP and ESBWR setpoint methodology.
380.	16B.03.03.06.03, Applicable Safety Analyses, Function 01	Revised 4 th paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
381.	16B.03.03.06.03, Applicable Safety Analyses, Function 01	Deleted "main steam drain lines" from fifth paragraph. Consistency with changes made to LCO Table 3.3.6.3-1, relocating main steam drain line isolation Functions to LCO 3.3.6.1.
382.	16B.03.03.06.03, Applicable Safety Analyses, Function 01	Revised actuated systems consistent with changes made in Table 3.3.6.4-1. Consistency with DCD.

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Item	Location	Description of Change
383.	16B.03.03.06.03, Applicable Safety Analyses, Function 01	Revised fifth paragraph to delete reference to reactor building boundary isolation dampers. Consistency with DCD credited Functions.
384.	16B.03.03.06.03, Applicable Safety Analyses, Function 02	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
385.	16B.03.03.06.03, Applicable Safety Analyses, Function 02	Deleted "main steam drain lines" from fourth paragraph. Consistency with changes made to LCO Table 3.3.6.3-1, relocating main steam drain line isolation Functions to LCO 3.3.6.1.
386.	16B.03.03.06.03, Applicable Safety Analyses, Function 02	Revised fourth paragraph to revise actuated systems consistent with changes made in Table 3.3.6.4-1. Consistency with DCD.
387.	16B.03.03.06.03, Applicable Safety Analyses, Function 02	Revised fourth paragraph to delete reference to reactor building boundary isolation dampers. Consistency with DCD credited Functions.
388.	16B.03.03.06.03, Applicable Safety Analyses, Function 03	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
389.	16B.03.03.06.03, Applicable Safety Analyses, Function 03	Revised fourth paragraph to delete brackets and delete reference to feedwater pump breaker trip and made revisions to actuated systems consistent with changes made in Table 3.3.6.4-1. Consistency with DCD.
390.	16B.03.03.06.03, Applicable Safety Analyses, Function 03	Revised fourth paragraph to delete reference to reactor building boundary isolation dampers. Consistency with DCD credited Functions.
391.	16B.03.03.06.03, Applicable Safety Analyses, Function 07, 08	Deleted brackets and revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
392.	16B.03.03.06.03, Applicable Safety Analyses, Function 09	Revised third paragraph to delete bracketed discussion of time delay and deleted sixth paragraph. Reduction of level of detail for consistency with DCD.
393.	16B.03.03.06.03, Applicable Safety Analyses, Function 09	Revised fifth paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)

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Item	Location	Description of Change
394.	16B.03.03.06.03, Applicable Safety Analyses, Function 10, 11, 12	Revised 3 rd paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
395.	16B.03.03.06.03, Applicable Safety Analyses, Function 13	Revised description of Feedwater Lines Differential Pressure – High for consistency with DCD. Brackets deleted.
396.	16B.03.03.06.03, Applicable Safety Analyses, Function 13	Revised fourth paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
397.	16B.03.03.06.03, Background	Replaced "Valuable" with "Value" in 7 th paragraph. Editorial correction. Replaced "NTSP" with "NTSP _F " for consistency with ESBWR setpoint methodology.
398.	16B.03.03.06.03, Background	Revised listing of Functions in paragraph 8 to delete items 4, 5, 6 and 8. Consistency with changes made to LCO Table 3.3.6.3-1, relocating main steam drain line isolation Functions to LCO 3.3.6.1. Revised listing to replace numbers with bullets to avoid confusion with Table 3.3.6.3-1 Function numbering.
399.	16B.03.03.06.03, Background	Revised listing of Functions in paragraph 8 to include new item, related to Function 10, "Reactor Building Exhaust Radiation -High. Consistency with changes made to LCO Table 3.3.6.3-1.
400.	16B.03.03.06.03, Background	Revised 2 nd paragraph to delete last sentence. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
401.	16B.03.03.06.03, Background	Revised fourth paragraph to replace "NTSP" with "LTSP" and revised discussion for consistency with ESBWR setpoint methodology.
402.	16B.03.03.06.03, Background	Deleted sixth paragraph discussion of TS compliance problems. Excessive level of detail. Covered in SCP and ESBWR setpoint methodology. Also replace "NTSP" with "LTSP" for consistency with ESBWR setpoint methodology.
403.	16B.03.03.06.03, Background	Revised 6 th paragraph to delete parenthetical "(derived from the Setting Basis specified in Table 3.3.1.1-1)." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)

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Item	Location	Description of Change
404.	16B.03.03.06.03, Background	Deleted first sentence of 6 th paragraph. Excessive, repetitive detail. Covered in SCP and ESBWR setpoint methodology. Also revised discussion for consistency with ESBWR setpoint methodology.
405.	16B.03.03.06.03, Background	Revised first paragraph by deleting brackets and "feedwater pump breakers," and "reactor building boundary isolation valves," to "reactor building heating, ventilation and air conditioning system isolation dampers." Consistency with DCD.
406.	16B.03.03.06.03, Background	Revised listing in ninth paragraph to replace numbers with bullets to avoid confusion with Table 3.3.6.3-1 Function numbering.
407.	16B.03.03.06.03, Background	Revised tenth paragraph to delete brackets, delete reference to feedwater pump breaker trip and revise the actuation signals for consistency with DCD.
408.	16B.03.03.06.03, Background	Revised title for LCO 3.6.3.1 in last paragraph to read "Reactor Building (Contaminated Area Ventilation Subsystem (CONAVS) Area)."
409.	16B.03.03.06.03, References	Revised Reference 10 to indicate RTT acceptance criteria are provided in Chapter 15, and deleted References 11 and 12. See response to RAI 16.2-158.
410.	16B.03.03.06.03, SR 03.03.06.03.01	Revised discussion to include details of overlap and self-diagnostics. Deleted discussion of setpoint adjustment. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
411.	16B.03.03.06.03, SR 03.03.06.03.02	Revised discussion to include details of overlap. Revised Frequency to 24 months based, in part, on online-diagnostics. Deleted discussion of setpoint adjustment. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
412.	16B.03.03.06.03, SR 03.03.06.03.03	Editorial - Inserted 'methods and assumptions required by the' in first paragraph as a clarification that the SCP provides methods and assumptions for channel calibrations. See responses to RAIs 16.2-146 and 16.2-149.
413.	16B.03.03.06.03, SR 03.03.06.03.03	Revised first paragraph to replace "NTSP" with "NTSP _F " and revised discussion for consistency with ESBWR setpoint methodology.

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Item	Location	Description of Change
414.	16B.03.03.06.03, SR 03.03.06.03.03	In second paragraph, deleted reference to Reference 3. Channel Calibration intervals are set by the setpoint methodology assumptions; therefore, reference to NEDO-33201 is not appropriate. See responses to RAIs 16.2-146 and 16.2-149.
415.	16B.03.03.06.03, SR 03.03.06.03.03	Deleted third paragraph discussions of different instrumentation devices and corrective measures. These subjects are adequately addressed in NEDO-33304P, and thereby, the SCP. See responses to RAIs 16.2-146 and 16.2-149.
416.	16B.03.03.06.03, SR 03.03.06.03.04	Revised sixth paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.
417.	16B.03.03.06.03, SR 03.03.06.03.04	Bracketed discussion of response time exclusions in fourth paragraph. See responses to RAI 16.2-157, as modified by the response to RAI 16.2-164.
418.	16B.03.03.06.03, SR 03.03.06.03.04	Revised reference to SR 3.3.6.4.2 to SR 3.3.6.4.4 for consistency with other changes. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
419.	16B.03.03.06.03, SR 03.03.06.03.04	Revised third paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
420.	16B.03.03.06.04, Actions	Discussion of Required Actions B.1 and F.1 are revised to reflect changes to Actions Table. Discussion of Required Actions C.1, E.1, G.1, and H.1 and H.2 are deleted and subsequent Actions renumbered to reflect changes to Action Table. This change revises the changes contained in the response to RAI 16.2-134 S01.
421.	16B.03.03.06.04, Actions D.1, I.1 and I.2	Revised Bases to refer to "isolation actuation capability is not maintained" for consistency with changes to the Actions table. See response to RAI 16.2-134 S01.
422.	16B.03.03.06.04, Applicable Safety Analyses	Revised third and sixth paragraphs by deleting brackets and deleting reference to "feedwater pump breakers trip." Consistency with DCD.
423.	16B.03.03.06.04, Applicable Safety Analyses	Deleted discussion of Function 11, "Chilled Water System," renumbered subsequent Functions. Duplicate of Function 8.

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Item	Location	Description of Change
424.	16B.03.03.06.04, Applicable Safety Analyses, Function 01	Deleted discussion of Function 1 and renumbered subsequent Functions. Consistency with changes made to LCO 3.3.6.4 Table 3.3.6.4-1, relocating main steam drain line isolation Functions to LCO 3.3.6.2.
425.	16B.03.03.06.04, Applicable Safety Analyses, Function 01	Revised to delete brackets and to revise name of RWCU/SDC 'Differential Flow' to "Differential Mass Flow." Consistency with DCD.
426.	16B.03.03.06.04, Applicable Safety Analyses, Function 04	Revised for consistency with changes made to Table 3.3.6.4-1. Also revised list of actuation signals to delete "Reactor Vessel Level – Low, Level 2," for consistency with DCD.
427.	16B.03.03.06.04, Applicable Safety Analyses, Function 05	Revised for consistency with changes made to Table 3.3.6.4-1.
428.	16B.03.03.06.04, Applicable Safety Analyses, Function 06	Deleted Function description for consistency with changes made to Table 3.3.6.4-1.
429.	16B.03.03.06.04, Applicable Safety Analyses, Function 07	Revised for consistency with changes made to Table 3.3.6.4-1.
430.	16B.03.03.06.04, Applicable Safety Analyses, Function 08	Revised for consistency with changes made to Table 3.3.6.4-1. Also revised list of actuation signals to delete "Reactor Vessel Level – Low, Level 2," for consistency with DCD.
431.	16B.03.03.06.04, Applicable Safety Analyses, Function 10	Revised for consistency with changes made to Table 3.3.6.4-1 and to LCO 3.3.6.3, Table 3.3.6.3-1.
432.	16B.03.03.06.04, Applicable Safety Analyses, Function 11	Deleted discussion for consistency with changes made to Table 3.3.6.4-1.
433.	16B.03.03.06.04, Applicable Safety Analyses, Function 12	Deleted discussion for consistency with changes made to Table 3.3.6.4-1.
434.	16B.03.03.06.04, Applicable Safety Analyses, Function 13	Revised discussion by deleting brackets and inserting appropriate actuation signals. Consistency with DCD.

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Item	Location	Description of Change
435.	16B.03.03.06.04, Applicable Safety Analyses, Function 14 and 15	Revised discussion to delete Function 15, "Feedwater Pump Breakers," deleted brackets, added "Feedwater Lines Differential Pressure – High," "Reactor Vessel level - Low, level 0.5," and "Drywell Water Level -High," as initiation signals, and added additional discussion of FW isolation valve arrangement. Consistency with DCD.
436.	16B.03.03.06.04, Background	Revised first paragraph to delete "main steam line (MSL) drains and re-lettered subsequent list. Consistency with changes made to LCO 3.3.6.4 Table 3.3.6.4-1, relocating main steam drain line isolation Functions to LCO 3.3.6.2.
437.	16B.03.03.06.04, Background	Revised first paragraph to reflect changes made in Table 3.3.6.4-1 with respect to Functions.
438.	16B.03.03.06.04, Background	Revised second paragraph by deleting brackets and deleting reference to "feedwater pump breakers trip." Consistency with DCD.
439.	16B.03.03.06.04, Background	Revised title for LCO 3.6.3.1 in last paragraph to read "Reactor Building (Contaminated Area Ventilation Subsystem (CONAVS) Area)."
440.	16B.03.03.06.04, References	Revised Reference 4 to indicate RTT acceptance criteria are provided in Chapter 15. See response to RAI 16.2-158.
441.	16B.03.03.06.04, References	Deleted brackets surrounding NEDO-33201. Consistency with Shutdown PRA.
442.	16B.03.03.06.04, SR 03.03.06.04.01	Revised second paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.
443.	16B.03.03.06.04, SR 03.03.06.04.01	Revised third paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
444.	16B.03.03.06.04, SR 03.03.06.04.02	Revised third paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
445.	16B.03.03.06.04, SR 03.03.06.04.02	Revised third paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted "required" as described in response to RAI 16.2-150, S01.
446.	16B.03.03.06.04, SR 03.03.06.04.02	Added bracketed discussion of response time exclusions as third paragraph. See responses to RAI 16.2-157, as modified by the response to RAI 16.2-164.

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Item	Location	Description of Change
447.	16B.03.03.06.04, SR 03.03.06.04.03	Revised reference to SR 3.3.6.4.1 to SR 3.3.6.4.3 for consistency with other changes. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1). Revised second sentence by deleting reference to "feedwater pump breakers trip." Consistency with DCD.
448.	16B.03.03.06.04, SR 03.03.06.04.03	Revised second paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
449.	16B.03.03.06.04, SR 03.03.06.04.03	Revised description to recognize testing overlap with testing required in new LCO 3.3.8.1. Editorial consistency.
450.	16B.03.03.06.04, Surveillance Requirements	Inserted discussion of new SR 3.3.6.2.1, "CHANNEL CHECK" and SR 3.3.6.2.2, "CHANNEL FUNCTIONAL TEST" for consistency with changes to LCO SR Table. Renumbered subsequent SRs. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
451.	16B.03.03.07.01	All instances of 'Leave Alone Tolerance' revised to 'as-left tolerance' throughout Bases for consistency with NEDO-33304P. See responses to RAIs 16.2-146 and 16.2-149.
452.	16B.03.03.07.01, Actions	Combined discussion of Actions B.1 and C.1, deleted Actions C.1 discussion, and revised discussion for consistency with changes made to LCO Actions Table described in RAI 16.2-162.
453.	16B.03.03.07.01, Actions A.1	Revised discussion for consistency with changes made to LCO Actions Table described in RAI 16.2-162. Also, revised discussion to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434.
454.	16B.03.03.07.01, Applicable Safety Analyses	Revised last sentence of first paragraph for consistency with DCD.
455.	16B.03.03.07.01, Applicable Safety Analyses	Revised 4 th paragraph to delete discussion of "setting basis" and delete statement that Allowable Values are provided in the SCP. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
456.	16B.03.03.07.01, Applicable Safety Analyses	Revised 4 th paragraph to replace "NTSPs" with "NTSP _F s" for consistency with ESBWR setpoint methodology.

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Item	Location	Description of Change
457.	16B.03.03.07.01, Applicable Safety Analyses	Deleted fifth paragraph discussion of NTSP. Discussion is repetitive to Background discussion and is encompassed in SCP and ESBWR setpoint methodology.
458.	16B.03.03.07.01, Applicable Safety Analyses, Function 01	Revised 1 st paragraph to refer to "Allowable Value" in lieu of "Analytical / Design Limit." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
459.	16B.03.03.07.01, Applicable Safety Analyses, Function 01	Deleted brackets and revised discussion for consistency with DCD.
460.	16B.03.03.07.01, Applicable Safety Analyses, Function 02	Revised Function and discussion for consistency with DCD.
461.	16B.03.03.07.01, Background	Revised first sentence of first paragraph to delete "or smoke," for consistency with DCD.
462.	16B.03.03.07.01, Background	Revised second paragraph to clarify that the CRHA AHUs are "recirculation" AHUs. Consistency with DCD.
463.	16B.03.03.07.01, Background	Revised second paragraph to delete reference to a "nonsafety-related recirculating chilled water pump." Consistency with DCD.
464.	16B.03.03.07.01, Background	Revised second paragraph to clarify CRHA actuations for consistency with DCD.
465.	16B.03.03.07.01, Background	Revised 4 th paragraph to delete last sentence. See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
466.	16B.03.03.07.01, Background	Revised seventh paragraph to replace "NTSP" with "LTSP" and revised discussion for consistency with ESBWR setpoint methodology.
467.	16B.03.03.07.01, Background	Revised 8 th paragraph to delete parenthetical "(derived from the Setting Basis specified in Table 3.3.1.1-1)." See response to RAI 7.2-36 S01 follow up (MFN 07-015, S02)
468.	16B.03.03.07.01, Background	Deleted 8 th paragraph discussion of TS compliance problems. Excessive level of detail. Covered in SCP and ESBWR setpoint methodology. Replaced "NTSP" with "NTSP _F " for consistency with ESBWR setpoint methodology.

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Item	Location	Description of Change
469.	16B.03.03.07.01, Background	Deleted first sentence of ninth paragraph. Excessive, repetitive detail. Covered in SCP and ESBWR setpoint methodology. Also replaced "NTSP" with "LTSP" and revised discussion for consistency with ESBWR setpoint methodology.
470.	16B.03.03.07.01, Background	Replaced "Valuable" with "Value" in tenth paragraph. Editorial correction. Replaced "NTSP" with "NTSP _F " for consistency with ESBWR setpoint methodology.
471.	16B.03.03.07.01, Background	Deleted brackets surrounding eleventh through seventeenth paragraphs and revised for consistency with DCD.
472.	16B.03.03.07.01, References	Added new Reference for location of Response Time acceptance criteria. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1) revised to reflect actual location of response time acceptance criteria within Chapter 15.
473.	16B.03.03.07.01, References	Deleted "NEDO-33201" from the list of references. This reference is not explicitly used in these Bases.
474.	16B.03.03.07.01, SR 03.03.07.01.01	Revised discussion to include details of overlap and self-diagnostics. Deleted discussion of setpoint adjustment. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
475.	16B.03.03.07.01, SR 03.03.07.01.02	Revised discussion to include details of overlap. Revised Frequency to 24 months based, in part, on online-diagnostics. Deleted discussion of setpoint adjustment. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
476.	16B.03.03.07.01, SR 03.03.07.01.03	Editorial - Inserted 'methods and assumptions required by the' in first paragraph as a clarification that the SCP provides methods and assumptions for channel calibrations. See responses to RAIs 16.2-146 and 16.2-149.
477.	16B.03.03.07.01, SR 03.03.07.01.03	Revised first paragraph to replace "NTSP" with "NTSP _F " and revised discussion for consistency with ESBWR setpoint methodology.
478.	16B.03.03.07.01, SR 03.03.07.01.03	In second paragraph, deleted reference to Reference 4. Channel Calibration intervals are set by the setpoint methodology assumptions; therefore, reference to NEDO-33201 is not appropriate. See responses to RAIs 16.2-146 and 16.2-149.

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Item	Location	Description of Change
479.	16B.03.03.07.01, SR 03.03.07.01.03	Deleted third paragraph discussions of different instrumentation devices and corrective measures. These subjects are adequately addressed in NEDO-33304P, and thereby, the SCP. See responses to RAI 16.2-146 and 16.2-149.
480.	16B.03.03.07.01, Surveillance Requirements	Added discussion of SR 3.3.7.1.4 CRAHVS Response Time testing. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1) as modified by response to RAI 16.2-164.
481.	16B.03.03.07.02, Actions	Combined discussion of Actions B.1 and C.1, deleted Actions C.1 discussion, and revised discussion for consistency with changes made to LCO Actions Table described in RAI 16.2-162.
482.	16B.03.03.07.02, Actions A.1	Revised discussion to delete probabilistic justification of Completion Time and incorporate deterministic justification consistent with presentation in NUREG-1434.
483.	16B.03.03.07.02, Applicable Safety Analyses	Revised last sentence of first paragraph for consistency with DCD.
484.	16B.03.03.07.02, Background	Revised first sentence of first paragraph to delete "or smoke," for consistency with DCD.
485.	16B.03.03.07.02, References	Deleted "NEDO-33201" from the list of references. This reference is not explicitly used in these Bases.
486.	16B.03.03.07.02, References	Added new Reference for location of Response Time acceptance criteria. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1).
487.	16B.03.03.07.02, SR 03.03.07.02.01	Revised second paragraph discussion of Frequency to revise "for four channels" to "for three channels" and inserted clarification of Staggered Test Basis as described in response to RAI 16.2-150, S01.
488.	16B.03.03.07.02, SR 03.03.07.02.01	Revised third paragraph justification of Frequency for consistency with the ESBWR PRA and NUREG-1434.
489.	16B.03.03.07.02, Surveillance Requirements	Inserted discussion of new SR 3.3.7.2.1, "CHANNEL CHECK" and SR 3.3.7.2.2, "CHANNEL FUNCTIONAL TEST" and SR 3.3.7.2.4, "RESPONSE TIME" testing for consistency with changes to LCO SR Table. Renumbered remaining SRs. See RAI 16.2-154, Supplemental reply (MFN 08-372, Rev 1) as modified by response to RAI 16.2-164.

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Item	Location	Description of Change
490.	16B.03.04.01, Actions B.1	Revised Actions B.1 by adding reference to Required Action B.2. Revised Bases to discuss exiting the Mode of Applicability. Deleted discussion of remaining within the Mode of Applicability. See response to RAI 16.0-7, S01.
491.	16B.03.04.01, Actions B.1	Deleted discussion of Actions C.1 and C.2 for consistency with changes made to 16.3.4.1 Actions Table.
492.	16B.03.04.01, References	Deleted References 4 and 5. NEDO-33201 and TSTF-IG-05-02 are not used as references in these Bases.
493.	16B.03.04.02, Applicable Safety Analyses	Revised second paragraph discussion of Bases for leakage limits for consistency with DCD.
494.	16B.03.04.02, References	Deleted "NEDO-21000, July 1975," "NUREG 75/067, October 1975," and "Section 5.2.5" from the list of References. Renumbered subsequent reference. These references are not explicitly called out in these Bases.
495.	16B.03.04.03, Actions	Revised Actions B.1, B.2.1, B.2.2.1, and B.2.2.2 for consistency with changes made in LCO 3.4.3 and for consistency with DCD radiological dose conclusions.
496.	16B.03.04.03, Applicability	Revised Applicability for consistency with changes made in LCO 3.4.3.
497.	16B.03.04.03, Applicable Safety Analyses	Revised first and second paragraphs for consistency with DCD radiological dose conclusions.
498.	16B.03.04.03, Background	Revised second and third paragraph references to "10 CFR 50" to "52.47(a)(2)(iv)" to reflect August 2007 Part 52 Rule change.
499.	16B.03.04.03, LCO	Revised discussion to change limiting accident to RWU/SDC System line break outside of containment, consistent with DCD radiological dose conclusions.
500.	16B.03.04.03, References	Revised Reference 1 to "52.47(a)(2)(iv)" to reflect August 2007 Part 52 Rule change.
501.	16B.03.04.03, References	Revised Reference 2 from "15.4.5" to "15.4" to reflect several analyses assume specific activity levels.

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Item	Location	Description of Change
502.	16B.03.04.04, References	Deleted ASME Boiler and Pressure Vessel Code, Section XI, Appendix E from the list of References and renumbered subsequent reference. This document is not explicitly referenced in these Bases.
503.	16B.03.04.04, Actions A.1 and A.2	Deleted fourth paragraph stating: "{The ASME Code, Section XI, Appendix E (Ref. 6), provides a recommended methodology for evaluating an operating event that causes an excursion outside the limits.}" As stated in Actions A.1 and A.2 and C.1 and C.2, "Several methods may be used, including comparison with pre-analyzed transients in the stress analyses, new analyses, or inspection of the components." Calling out a specific method that "may" be used is not required. Consistency with DCD.
504.	16B.03.04.04, Actions C.1 and C.2	Revised second paragraph to delete "{The ASME Code, Section XI, Appendix E (Ref. 6), provides a recommended methodology for evaluating an operating event that causes an excursion outside the limits.}" As stated in Actions A.1 and A.2 and C.1 and C.2, "Several methods may be used, including comparison with pre-analyzed transients in the stress analyses, new analyses, or inspection of the components." Calling out a specific method that "may" be used is not required. Consistency with DCD.
505.	16B.03.04.04, Background	Revised second paragraph to place brackets around "the PTLR." Consistency with changes described in response to RAI 16.2-164.
506.	16B.03.04.04, Background	Revised ninth paragraph to delete "{The ASME Code, Section XI, Appendix E (Ref. 6), provides a recommended methodology for evaluating an operating event that causes an excursion outside the limits.}" As stated in Actions A.1 and A.2 and C.1 and C.2, "Several methods may be used, including comparison with pre-analyzed transients in the stress analyses, new analyses, or inspection of the components." Calling out a specific method that "may" be used is not required. Consistency with DCD.
507.	16B.03.04.04, LCO	Revised first paragraph list items to place brackets around "the PTLR." Consistency with changes described in response to RAI 16.2-164.
508.	16B.03.04.04, References	Revised Reference 3 by deleting brackets and inserting "02" as the version of ASTM E-185 used in ESBWR.

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Item	Location	Description of Change
509.	16B.03.04.04, References	Revised Reference 7 to replace brackets ({ }) surrounding "P/T Limits Methodology Topical" with "[]." Consistency with changes described in response to RAI 16.2-164.
510.	16B.03.04.04, SR 03.04.04.04 and SR 03.04.04.05	Revised second paragraph to replace brackets ({ }) surrounding "37.8°C (100°F)" and "37.8°C (100°F)" with "[]." Consistency with changes described in response to RAI 16.2-164.
511.	16B.03.04.04, SR 03.04.04.04 and SR 03.04.04.05	Revised second paragraph to place brackets around "the PTLR." Consistency with changes described in response to RAI 16.2-164.
512.	16B.03.04.05, Applicable Safety Analyses	Revised limiting value from "7.07 MpaG (1025 psig)" to "7.17 MpaG (1040 psig)" for consistency with design.
513.	16B.03.04.05, LCO	Revised limiting value from "7.07 MpaG (1025 psig)" to "7.17 MpaG (1040 psig)" for consistency with design.
514.	16B.03.04.05, SR 03.04.05.01	Revised limiting value from "7.07 MpaG (1025 psig)" to "7.17 MpaG (1040 psig)" for consistency with design.
515.	16B.03.04.05, References	Deleted Chapter 5.2 from the list of references. This reference is not used in these Bases.
516.	16B.03.05.01, Background, ASA, LCO, Actions, SR 3.5.1.2, and References	Revised Background, Applicable Safety analyses, Actions and SR 3.5.1.2 consistent with RAI 16.2-32, Supplemental Response (MFN 06-431, supplement 12), to establish Actions consistent with single failure analysis in DCD Table 6.3-6 and establish requirements for a DPS actuator and two safety-related actuators associated with DC and Uninterruptible AC Electrical Power Distribution Divisions required by LCO 3.8.6 for each ADS valve. Deleted bracketed Reference 4.
517.	16B.03.05.01, SR	Deleted SR 3.5.1.5 consistent with the response to RAI 3.9-168, S02 (MFN 08-458). This change superseded change to SR 3.5.1.5, which changed brackets for reactor pressure and adds COL 16.0-2-H reference, consistent with the response to RAI 16.2-164.
518.	16B.03.05.01, SR 3.5.1.2	Revised SR 3.5.1.2 Note to modify description of continuity monitor disable switch consistent with changes in DCD Chapter 7.

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Item	Location	Description of Change
519.	16B.03.05.01, SR 3.5.1.3	Revised SR 3.5.1.3 to state that valve actuation test overlaps with the Logic System Functional Test in both LCO 3.3.5.2 and LCO 3.3.8.1.
520.	16B.03.05.01, SR 3.5.1.3	Revised SR 3.5.1.3 to state that SRV valve actuation is excluded from the SR because SRVs are tested in accordance with the Inservice Test Program.
521.	16B.03.05.02, Background	Deleted details from the discussion of the GDSC Deluge Subsystem because deluge subsystem is not required by LCO 3.5.2.
522.	16B.03.05.02, Background, ASA, LCO, Actions, SR 3.5.2.2, and References	Revised Background, Applicable Safety Analyses, LCO, Actions and SR 3.5.2.2 consistent with RAI 16.2-32, Supplemental Response (MFN 06-431, supplement 12), to establish Actions consistent with single failure analysis in DCD Table 6.3-6 and establish requirements for a DPS actuator and two safety-related actuators associated with DC and Uninterruptible AC Electrical Power Distribution Divisions required by LCO 3.8.6 for each GDSC valve. Deleted Reference 4.
523.	16B.03.05.02, SR	Revised SR 3.5.2.2 Note to modify description of continuity monitor disable switch consistent with changes in DCD Chapter 7.
524.	16B.03.05.02, SR 3.5.2.3	Revised discussion of overlap between SR 3.5.2.3 and Logic System Functional Test to use standard terminology.
525.	16B.03.05.02, SR 3.5.2.3	Revised SR 3.5.1.3 to state that valve actuation test overlaps with the Logic System Functional Test in both LCO 3.3.5.2 and LCO 3.3.8.1.
526.	16B.03.05.03, Actions	Replaced requirement in Action F.2 to restore the reactor building as a compensatory measure for LCO not met when shutdown with Actions to immediately establish reactor building refueling and pool area HVAC subsystem (REPAVS) and contaminated area HVAC subsystem (CONAVS) area isolation boundary or the automatic actuation capability for the same. This change is consistent with changes to LCO 3.6.3.1.

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Item	Location	Description of Change
527.	16B.03.05.03, Actions and SR 3.5.3.4	Revised Actions and Surveillance Requirements to establish requirements for two safety-related actuators associated with DC and Uninterruptible AC Electrical Power Distribution Divisions required by LCO 3.8.6 for each required GDCS valve and ADS. This is based on similar changes to LCO 3.5.1 and LCO 3.5.2 described in RAI 16.2-32, Supplemental Response (MFN 06-431, supplement 12). This change replaces requirements for verification of squib continuity.
528.	16B.03.05.03, Actions, References	Revised Actions Bases and deleted Reference 2 to justify Completion time based on engineering judgment rather than risk assessment in Reference 2.
529.	16B.03.05.03, Applicability	Changed Applicability nomenclature from “new fuel pool gate” to “buffer pool gate.”
530.	16B.03.05.03, ASA	Revised Applicable Safety Analyses to identify that Criterion 3 of 10 CFR 50.36(d)(2)(ii) applies to ECCS shutdown.
531.	16B.03.05.03, Background, ASA, LCO, Actions and SR	Revised Background, ASA, LCO, Actions, and SR to describe ADS function as required to support GDCS injection in Mode 5 and 6. Added SR 3.5.3.1, including Note, and added new Condition C for GDCS inoperable due to required ADS function inoperable. This change is consistent with the response to RAI 16.2-74, Supplements 2 and 3 (MFN 07-022, Supp 8), except that requirement for ADS capacity was increased from 4 DPVs to 6 DPVs to provide an allowance for DPV failures.
532.	16B.03.05.03, Background, ASA, LCO, Applicability, Actions and SR	Revised LCO and Actions to require two injection subsystem branch lines associated with each of the three GDCS pools and two equalizing trains consistent with DCD 15.2.2.9 and RAI 19.1-96, Supplement 1 (MFN 07-485, Supp 2), except that number of required GDCS lines increased to allow for single failure. In conjunction with this change, SRs revised to require inventory of three GDCS pools and the suppression pool.

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Item	Location	Description of Change
533.	16B.03.05.03, Background, LCO, Actions and SR	Revised Background, LCO, Actions, and Surveillance Requirements to establish requirements for two safety-related actuators associated with DC and Uninterruptible AC Electrical Power Distribution Divisions required by LCO 3.8.6 for each GDCS valve. This change to the shutdown LCO is based on similar changes to operating LCO described in RAI 16.2-32, Supplemental Response (MFN 06-431, supplement 12), except that diverse Protection System Actuators are not required in shutdown.
534.	16B.03.05.03, SR	Revised SR 3.5.3.3 Note to modify description of continuity monitor disable switch consistent with changes in DCD Chapter 7.
535.	16B.03.05.04, applicability	Revised applicability to include the statement "ICS requirements in MODES 3 and 4 when ≥ 2 hours since reactor was critical, and in MODE 5 are specified in LCO 3.5.5, "Isolation Condenser System (ICS) - Shutdown."
536.	16B.03.05.04, Background, LCO, Actions, SR 3.5.4.3, and References	Revised Background, Actions, LCO and SR 3.5.4.3 consistent with RAI 16.2-32, Supplemental Response (MFN 06-431, supplement 12), to establish Actions consistent with single failure analysis in DCD Table 6.3-6 and establish requirements for two safety-related actuators associated with DC and Uninterruptible AC Electrical Power Distribution Divisions required by LCO 3.8.6 for each ICS valve. Evaluation completed subsequent to submission of RAI 16.2-32, Supplemental Response, and documented in DCD 19A.8.4.3, determined that Diverse Protection System actuators for ICS did not meet criteria for inclusion in Tech Specs and DPS actuators are not included in LCO 3.5.4. Deleted Reference 4.
537.	16B.03.05.04, SR 3.5.4.3	Revised SR 3.5.4.3 Note to modify description of continuity monitor disable switch consistent with changes in DCD Chapter 7.
538.	16B.03.05.04, SR 3.5.4.6	Revised SR 3.5.4.6 to specify that SR is not required to be performed prior to exceeding 25% RTP if not performed in the previous of 24 months on a Staggered Test Basis to allow deferring performance until plant conditions needed to perform the test are established.

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Item	Location	Description of Change
539.	16B.03.05.05, Actions	Replaced requirement in Action B.1 to restore the reactor building as a compensatory measure for LCO not met when shutdown with Actions to immediately establish reactor building refueling and pool area HVAC subsystem (REPAVS) and contaminated area HVAC subsystem (CONAVS) area isolation boundary or the automatic actuation capability for the same. This change is consistent with changes to LCO 3.6.3.1.
540.	16B.03.05.05, LCO and SR 3.5.5.3	Revised LCO Section and added SR 3.5.5.3 to establish requirements for two safety-related actuators associated with DC and Uninterruptible AC Electrical Power Distribution Divisions required by LCO 3.8.6 and LCO 3.8.7 for each ICS valve. This change to the shutdown LCO is based on similar changes to LCO 3.5.4 described in RAI 16.2-32, Supplemental Response (MFN 06-431, Supplement 12).
541.	16B.03.06.01.01, Actions	Revised Actions by adding reference to Required Action B.2. Revised Bases to discuss exiting the Mode of Applicability. Deleted discussion of remaining within the Mode of Applicability. See response to RAI 16.0-7, S01 (MFN 06-431, Supplement 10).
542.	16B.03.06.01.01, Applicable Safety Analysis	Overall containment leakage (La) and the leakage apportioned to PCCS versus the remainder of containment are revised consistent with DCD Table 15.4-5.
543.	16B.03.06.01.01, Applicable Safety Analysis & References	Revised to reference "52.47(a)(2)(iv)" to reflect August 2007 Part 52 Rule change.
544.	16B.03.06.01.01, References	Deleted References to NEDO-33201 and TSTF-IG-05-02, which are not used as references in these Bases.
545.	16B.03.06.01.01, SR 3.6.1.1.2	Bases revised to remove dependence on bracketed Reference to NEDO-33201 as not appropriate to the basis.
546.	16B.03.06.01.01, SR 3.6.1.1.2 & Reference 6	Added new SR 3.6.1.1.2 to include limits on feedwater valve inleakage consistent with design assumptions. Limits consistent with values from DCD Table 5.4-1; which is added as new Reference 6.
547.	16B.03.06.01.01, SR 3.6.1.1.3 (new #), SR 3.6.1.1.4 (new #), SR 3.6.1.1.5 (new #)	Added new SR 3.6.1.1.3 and SR 3.6.1.1.4, and revised SR 3.6.1.1.3 (now #5) in response to RAI 16.2-112 (MFN 08-329). LCO discussion revised to recognize these limitations.

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Item	Location	Description of Change
548.	16B.03.06.01.02, Actions	Revised Actions by adding reference to Required Action D.2. Revised Bases to discuss exiting the Mode of Applicability. Deleted discussion of remaining within the Mode of Applicability. See response to RAI 16.0-7, S01 (MFN 06-431, Supplement 10).
549.	16B.03.06.01.02, Applicable Safety Analysis	Overall containment leakage (La) is revised consistent with DCD Table 15.4-5.
550.	16B.03.06.01.02, References	Deleted References to NEDO-33201 and TSTF-IG-05-02, which are not used as references in these Bases.
551.	16B.03.06.01.03, LCO	Combined two sentences associated with the CIV Tables in DCD Chapter 6 (Reference 5). Included at the end of the LCO Section.
552.	16B.03.06.01.03, Action D & SR 3.6.1.3.10	Revised SR 3.6.1.3.10 requirements for feedwater line CIV leakage consistent with the referenced analyses. Adjusted Action D accordingly.
553.	16B.03.06.01.03, Action B	Condition B (now numbered "C") added "or more" to acknowledge that the feedwater line penetrations include more than two CIVs (as shown in DCD Tables 6.2-21 and 6.2-22). Also, made a minor editorial clarification in final paragraph.
554.	16B.03.06.01.03, Action E & F	Deleted Action E and revised Action F by adding Required Action F.2 (renumbered as Action E and Required Action E.2). Revised Bases to discuss exiting the Mode of Applicability. Deleted discussion of remaining within the Mode of Applicability. See response to RAI 16.0-7, S01 (MFN 06-431, Supplement 10).
555.	16B.03.06.01.03, Action F	Bases revised to remove dependence on bracketed Reference to NEDO-33201 as not appropriate to the basis.
556.	16B.03.06.01.03, Actions A & D	Revised Actions allowing inoperable feedwater line CIVs to have Completion Times consistent with MSIVs for consistent rationale; the potential impact on plant operation when entering actions that may require isolation of the penetration.
557.	16B.03.06.01.03, Actions D & SR 3.6.1.3.9	Deleted "hydrostatically tested line leakage rate" Action and surveillance, and associated brackets to reflect ESBWR design not including qualified seal systems.

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Item	Location	Description of Change
558.	16B.03.06.01.03, Applicable Safety Analysis	Deleted bracketed sentence "The off-site dose calculations assume that the purge valves were closed at event initiation" to reflect the dose calculations. Other bracketed items revised and brackets deleted to reflect appropriate CIV response time basis consistent with the dose analyses (reference DCD 15.4.4.5.2).
559.	16B.03.06.01.03, Background & Actions A, B, C & Reference 2	Replaced Background sentence with "The ESBWR design does not credit any closed system inside containment as a containment barrier." Deleted Action C related to "closed systems." Changes are in conformance with DCD Chapter 6 containment design -- no penetrations are designed with a single CIV. This also leads to deleting the Condition Note for Action A and B (now numbered B and C). Deleted "and GDC 57" from Reference 2.
560.	16B.03.06.01.03, Background & Applicable Safety Analyses & References	Revised to reference "52.47(a)(2)(iv)" to reflect August 2007 Part 52 Rule change.
561.	16B.03.06.01.03, Background & LCO & Actions & SR	Added Background and LCO discussion, new Action A, and new SR 3.6.1.3.3 consistent with the intent of RAI 16.2-32, Supplemental Response (MFN 06-431, Supplement 12), to establish requirements for a DPS actuator (for RWCU/SDC CIVs) and safety-related actuators associated with DC and Uninterruptible AC Electrical Power Distribution Divisions required by LCO 3.8.6 for each CIV. Other related Bases changes made for consistency with other Specifications.
562.	16B.03.06.01.03, References	Deleted References to NEDO-33201 and TSTF-IG-05-02, which are not used as references in these Bases.
563.	16B.03.06.01.03, SR 3.6.1.3.1	Added references to all containment purge valves valve sizes. Change provided in response to RAI 6.2-179 (MFN 08-215). Dual units added based on revised GEH position and conformance with DCD Table 6.2-37 and Table 6.2-38.
564.	16B.03.06.01.03, SR 3.6.1.3.2 & SR 3.6.1.3.3 (now #4)	Editorial clarification to properly refer to CIVs.

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Item	Location	Description of Change
565.	16B.03.06.01.03, SR 3.6.1.3.6	(Revision 5, renumbered to SR 3.6.1.3.7) Added cross reference to "the LOGIC SYSTEM FUNCTIONAL TESTs (LSFTs) in LCO 3.3.6.2 and LCO 3.3.6.4 overlap this SR to provide complete testing of the safety function" per response to RAI 16.2-45, S02 (MFN 07-022, Supplement 5). The change provided in the RAI response has been editorially revised to reference the LCO in lieu of the specific SR; this for consistency with other cross-references to LSFT. Furthermore, the referenced LCOs include those now having LSFTs that overlap the CIV function (i.e., LCO 3.3.6.2, LCO 3.3.6.4, and LCO 3.3.8.1).
566.	16B.03.06.01.03, SR 3.6.1.3.8	(Revision 5, renumbered to SR 3.6.1.3.9) Replaced "MSIV" with "main steam line" for consistency with the Surveillance Requirement.
567.	16B.03.06.01.04, Action B	Revised Actions by adding reference to Required Action B.2. Revised Bases to discuss exiting the Mode of Applicability. Deleted discussion of remaining within the Mode of Applicability. See response to RAI 16.0-7, S01 (MFN 06-431, Supplement 10).
568.	16B.03.06.01.04, Background & LCO	Corrected drywell pressure values and significant digits. Values consistent with DCD 6.2.
569.	16B.03.06.01.04, References	Deleted References to NEDO-33201 and TSTF-IG-05-02, which are not used as references in these Bases.
570.	16B.03.06.01.05, Action B	Revised Actions by adding reference to Required Action B.2. Revised Bases to discuss exiting the Mode of Applicability. Deleted discussion of remaining within the Mode of Applicability. See response to RAI 16.0-7, S01 (MFN 06-431, Supplement 10).
571.	16B.03.06.01.05, Applicable Safety Analyses & LCO	Deleted brackets and replaced drywell temperature values with appropriate values.
572.	16B.03.06.01.05, References	Deleted References to NEDO-33201 and TSTF-IG-05-02, which are not used as references in these Bases.
573.	16B.03.06.01.06 SR 3.6.1.6.3	SR 3.6.1.6.3 is revised to reflect the vacuum breaker opening (vice "full" opening) pressure consistent with DCD 6.2.1.1.2.
574.	16B.03.06.01.06, LCO	Editorial clarification added: "to maintain the pressure suppression capability of the containment" consistent with design basis for vacuum breakers (DCD 6.2.1.1.5).

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Item	Location	Description of Change
575.	16B.03.06.01.06, Action C & E	Revised by deleting Action C. All actions default to Condition E and require entry into MODE 5 within 36 hours. See response to RAI 16.0-7, S01. (MFN 06-431, Supplement 10)
576.	16B.03.06.01.06, Actions	Include "wetwell-to-drywell" as editorial clarifications.
577.	16B.03.06.01.06, Applicable Safety Analyses	Revised to state: "The analyses support that one vacuum breaker is sufficient to perform the relief function"; consistent with changes made to DCD 6.2.1.1.2.
578.	16B.03.06.01.06, Applicable Safety Analyses	Editorial clarifications, as well as added description of isolation valve and associated isolation sensor/logic design revised consistent with changes made to DCD 6.2.1.1.2 (which were made per RAI 6.2-148).
579.	16B.03.06.01.06, Background	Description of isolation valve and associated isolation sensor/logic design revised consistent with changes made to DCD 6.2.1.1.2 (which were made per RAI 6.2-148).
580.	16B.03.06.01.06, LCO & Actions & SR	<p>Revised LCO to require only two of three vacuum breaker flow paths for opening, while retaining all three vacuum breaker flow path isolation functions. With this change, the convention utilizing "required" in reference to vacuum breaker opening function conditions and surveillances is included.</p> <p>Changes to be consistent with changes made to DCD 6.2.1.1.2; only one vacuum breaker is required to open to satisfy the safety function. Requiring two operable vacuum breaker for the opening function, supports the necessary single failure consideration.</p>
581.	16B.03.06.01.06, References	Deleted References to NEDO-33201 and TSTF-IG-05-02, which are not used as references in these Bases.
582.	16B.03.06.01.06, SR 03.06.01.06.04	Add requirement for performance in accordance with TS 5.5.11, Setpoint Control Program," consistent with the change to the SR provided in RAI 16.2-149 (MFN 07-536).
583.	16B.03.06.01.06, SR 03.06.01.06.05	Added associated isolation sensor/logic references consistent with design reflected in DCD 6.2.1.1.2 (which were made per RAI 6.2-148).
584.	16B.03.06.01.07, Action A.1, References	Revised discussion of Completion Time to specify that the Completion Time is based on engineering judgment and deleted Reference 2.

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Item	Location	Description of Change
585.	16B.03.06.01.07, Background	Revised Background to describe PCCS vent fans used to support post 72 hour circulation of non-condensable gases, consistent with DCD 6.2.2.2.
586.	16B.03.06.01.07, Background	Revised Background to specify that PCC subcompartment water temperature could rise to 102°C (216°F), consistent with DCD 6.2.2.1.
587.	16B.03.06.01.08, New Specification	Added LCO 3.6.1.8, "Containment Oxygen Concentration," in response to RAI 16.2-110, Supplement 2 (MFN 07-025, Supplement 2). Revised the above to reflect use of "primary containment" instead of "containment." This change was made in recognition of RAI 16.2-110, Supplement 3. Revised LCO Bases to add LCO Bases detail consistent with NUREG-1433. This change was made in recognition of RAI 16.2-110, Supplement 3.
588.	16B.03.06.02.01, Actions	Revised Action E.1 to require that the plant be placed in Mode 5 within 12 hours if suppression pool temperature exceeds specified limit. The allowed Completion Time ensures that the plant is promptly placed in a MODE in which the suppression pool is not required.
589.	16B.03.06.02.02, Applicability	Deleted bracketed option in the Applicability that relaxed limits for suppression pool level upper limit when in Mode 4.
590.	16B.03.06.03.01, Background & Applicable Safety Analyses & References	Reference 2 (Chapter 15) added to provide a more complete supporting Reference.
591.	16B.03.06.03.01, Action D	Revised Actions by adding Required Action D.2 requiring entry into MODE 5 within 36 hours. See response to RAI 16.0-7, S01. (MFN 06-431, Supplement 10)
592.	16B.03.06.03.01, Actions A, B, C	Revised Completion Time Bases to be more consistent with other Bases statements and remove qualitative discussion of the credit for the Reactor Building.
593.	16B.03.06.03.01, Actions Note	Revised "penetration flow paths" to "Reactor Building (CONAVS area) boundary" to more correctly reflect the scope of the Specification. The remainder of the Bases detailing the "administrative controls" were made consistent with the controls outlined in Specification 3.7.2,

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Item	Location	Description of Change
594.	16B.03.06.03.01, Background	Editorial revision from "minimal credit" to "however credit" regarding Reactor Building, to reflect changes in DCD 6.2.3.
595.	16B.03.06.03.01, Background	Several Background discussions revised to be consistent with changes to DCD 6.2.3 and DCD 6.5.3.2.
596.	16B.03.06.03.01, Background	Replaced "plant stack" with "reactor building/fuel building stack" to be consistent with revised DCD terminology.
597.	16B.03.06.03.01, Background & Applicable Safety Analyses	Overall containment leakage (La) apportioned to PCCS versus the remainder of containment, and the Reactor Building mixing assumptions are revised consistent with DCD 15.4.4.5.2 and DCD Table 15.4-5. Other clarifications (e.g., removal of plate out discussions) are also consistent changes in these DCD references.
598.	16B.03.06.03.01, Background & Applicable Safety Analyses	Details for containment leakage into the Reactor Building (clarified to "CONAVS area" in the Background) are revised to reflect the specific leakage assumption of 211 scfm in lieu of 50% per day of Reactor Building volume. This change is in response to RAI 15.4-26, Supplement 1. (Note that a response to this RAI has not been previously submitted.).
599.	16B.03.06.03.01, Background & LCO& SR 3.6.3.1.3	Added Background and LCO discussion, and new SR 3.6.3.1.3 consistent with the intent of RAI 16.2-32, Supplemental Response (MFN 06-431, Supplement 12), to establish requirements for safety-related actuators associated with DC and Uninterruptible AC Electrical Power Distribution Divisions required by LCO 3.8.6 for each safety-related actuated damper.
600.	16B.03.06.03.01, References	Deleted References to NEDO-33201 and TSTF-IG-05-02, which are not used as references in these Bases.
601.	16B.03.06.03.01, SR 3.6.3.1.3	(Revision 5 renumbered to SR 3.6.3.1.4) Added cross reference to "the LOGIC SYSTEM FUNCTIONAL TESTs in LCO 3.3.6.2 and LCO 3.3.6.4 overlap this SR to provide complete testing of the safety function." Similar change (with editorial improvement) was made per response to RAI 16.2-45, S02 (MFN 07-022, Supplement 5). The change was made here for consistency with other cross-references to LSFT.

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Item	Location	Description of Change
602.	16B.03.06.03.01, SR 3.6.3.1.3	(Revision 5, renumbered to SR 3.6.3.1.4) Added cross reference to "the LOGIC SYSTEM FUNCTIONAL TESTs in LCO 3.3.6.2 and LCO 3.3.6.4 overlap this SR to provide complete testing of the safety function" per response to RAI 16.2-45, S02 (MFN 07-022, Supplement 5). The change provided in the RAI response has been editorially revised to reference the LCO in lieu of the specific SR; this for consistency with other cross-references to LSFT.
603.	16B.03.06.03.01, Title & Background & Applicable Safety Analyses & LCO & Applicability & Actions & Surveillances	Reactor Building is clarified to reflect the DCD clarification that only the Contaminated Area Ventilation Subsystem (CONAVS) area is credited in post-accident fission product hold-up.
604.	16B.03.07.01, Actions and SR 3.7.1.5	Added Condition A and portions of SR 3.7.1.5 to establish requirements for Diverse Protection System actuation of the IC/PCC pool cross connect valves.
605.	16B.03.07.01, Actions and SR 3.7.1.5	Added Conditions B and C and modified Condition E and added SR 3.7.1.5 to establish requirements for redundant cross connect valves between the equipment pool and each expansion pool and power supply configuration that ensures safety function with power to any two of the four electrical divisions.
606.	16B.03.07.01, Background	Revised Background to include description of redundant and diverse expansion pool-to-equipment pool valves, expansion pool level instruments, safety-related and divers protection system actuators, and associated power supplies.
607.	16B.03.07.01, Background	Revised Background to specify that PCC subcompartment water temperature could rise to 102°C (216°F), consistent with DCD 6.2.2.1.
608.	16B.03.07.01, Background, LCO, Actions and SR	Added details and requirements for the IC/PCC expansion pool-to-equipment pool connection lines by adding details to Background and LCO and adding Actions A.1 and A.2, SR 3.7.1.4 and 3.7.1.5 and modifying of SR 3.7.1.8.
609.	16B.03.07.01, Background, LCO, Actions, and SRs	Changed "dryer/separator" pool to "equipment" pool consistent with changes to DCD Chapters 6 and 9.

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Item	Location	Description of Change
610.	16B.03.07.01, Background, LCO, and SR 3.7.1.6	Revised Background, LCO, and SR 3.7.1.6 to include expansion pool-to-equipment pool manual isolation valves.
611.	16B.03.07.01, LCO	Revised LCO Section to include description of requirements for valve actuators and expansion pool level instruments.
612.	16B.03.07.01, SR 3.7.1.4	Added SR 3.7.1.4 to establish requirement for supply pressure to each IC/PCC expansion pool-to-equipment pool valve accumulator.
613.	16B.03.07.01, SR 3.7.1.8	Revised SR 3.7.1.8 to adopt nomenclature for IC/PCC cross connect valves consistent with other sections of Specification and Bases.
614.	16B.03.07.01, SR 3.7.1.8	Revised SR 3.7.1.8 to justify Note that IC/PCC cross connect valves are not required to be actuated because valves are subject to the Inservice Test Program.
615.	16B.03.07.01, SR 3.7.1.9	Added SR 3.7.1.9 to require calibration of IC/PCC level instrument channels used to actuate IC/PCC expansion pool to equipment pool cross connect valves.
616.	16B.03.07.02, Actions	Re-organized Actions B, C, D, E and F to present a more logical presentation of requirements that apply in Modes 1, 2, 3, and 4, and requirements that apply during OPDRVs. Editorial changes to adopt standard terminology for Actions.
617.	16B.03.07.02, Actions and References	Deleted option that permitted remaining in the Applicable Mode when LCO not met by revising Condition D and deleting Condition F and deleting References 4 and 5.
618.	16B.03.07.02, ASA	Revised Applicable Safety Analyses to incorporate minor editorial change described in RAI 16.2-118.
619.	16B.03.07.02, Background,	Revised Background to describe configuration and functioning of CRHAVS trains consistent with changes to DCD 7.3.4.2, DCD 9.4.1, and DCD 6.4, including the description of Emergency Filtration Unit (EFU) fans and dampers, role of the non-safety related Air handling Units and main control room temperature instruments, control room boundary dampers, and power supply configuration that ensures safety function with power to any two of the four electrical divisions.

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Item	Location	Description of Change
620.	16B.03.07.02, Background, ASA, LCO, Actions, and SRs	Revised Background, ASA, LCO, Actions, and SRs to indicate that Technical Specification requirements for CRHAVS response to hazardous chemicals are COL Applicant Item 16.0-1-A 3.7.2-1. Requirements are affected by site location. This change is consistent with the response to RAI 16.2-164.
621.	16B.03.07.02, Background, ASA, LCO, Actions, SR and Table	Revised Background, ASA, LCO, Actions A.1 and A.2 and SR 3.7.2.1 and added Table 3.7.2-1 to address requirements for CRHA heat sinks consistent with RAI 16.0-5, Supplement 2.
622.	16B.03.07.02, LCO	Revised Bases to clarify requirements for CRHAVS trains, the main control room boundary, and the CRHA heat sinks consistent with changes to the Background Section.
623.	16B.03.07.02, SR 3.7.2.4	Revised SR 3.7.2.4 to make the reference to the logic system functional test in LCO 3.3.7.2 consistent with other sections of the Bases.
624.	16B.03.07.02, SR 3.7.2.5	Revised SR 3.7.2.5 to clarify that actuation referred to trip of the N-DCIS to reduce MCR heat load following loss of preferred power.
625.	16B.03.07.02, SR 3.7.2.6	Added SR 3.7.2.6 to require calibration of main control room (MCR) temperature instrumentation used to trip N-DCIS to reduce MCR heat load following loss of preferred power.
626.	16B.03.07.03, Action B	Revised Action B by adding Required Action B.3.2 requiring entry into MODE 5 within 36 hours. See response to RAI 16.0-7, S01. (MFN 06-431, Supplement 10)
627.	16B.03.07.03, Applicable Safety Analyses & References	Revised dose acceptance criterion consistent with DCD 15.0.3.4.7 and 11.3.7.2.
628.	16B.03.07.03, References	Revised reference for the dose acceptance criterion to NUREG-0800, Branch Technical Position 11 5, Revision 3, March 2007, consistent with Revision 4 changes to DCD 15.0.3.4.7 and 11.3.7.2.
629.	16B.03.07.03, References	Deleted Reference to TSTF-IG-05-02, which is not used as a reference in these Bases.

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Item	Location	Description of Change
630.	16B.03.07.04, Applicable Safety Analyses & SR 3.7.4.1	Relocated Reviewer's Note to new Table 16.0-1-A per response to RAI 16.2-164 (MFN 08-162, Supplement 1).
631.	16B.03.07.05, References	Revised to reference "52.47(a)(2)(iv)" to reflect August 2007 Part 52 Rule change.
632.	16B.03.07.06, LCO & SR 3.7.6.1 and SR 3.7.6.5	Changes per RAI 16.2-163 (MFN 08-146) and RAI 16.2-149 (MFN 07-536).
633.	16B.03.07.06, SR 03.07.06.02 (RAI 16.2-163 SR #)	SR 3.7.6.2 proposed in response to RAI 16.2-163 (MFN 08-146) is removed. Subsequent review recognized that "slow" rod allowance is not supported in SRI assumptions. SR 3.7.6.1 adequately addresses SRI scram times.
634.	16B.03.07.06, Applicable Safety Analysis	Relocated Reviewer's Note to new Table 16.0-1-A per response to RAI 16.2-164 (MFN 08-162, Supplement 1).
635.	16B.03.07.06, Background	Simplified the initial paragraph summary of SCRR/SRI (since the specific signals are later discussed in Background 4 th paragraph), and clarified interfaces consistent with DCD Chapter 7.
636.	16B.03.07.06, Background	Revised "alternate rod insertion (ARI)" to "FMCRD run-in" consistent with descriptions in DCD Chapter 7.
637.	16B.03.07.06, Background	Deleted logic detail from 4 th paragraph as adequately summarized in earlier discussions. Paragraph also included the ATLM interface detail as discussed in DCD Chapter 7.
638.	16B.03.07.06, Background	Corrected "FMCRD" to "CRDs" in relation to hydraulic scram function discussions (3 rd and 6 th paragraph).
639.	16B.03.07.06, SR 03.07.06.05	Add requirement for performance in accordance with TS 5.5.11, Setpoint Control Program," consistent with the change to the SR provided in RAI 16.2-149 (MFN 07-536).
640.	16B.03.08.01, Actions and SR 3.8.1.1	Revised Background and SR 3.8.1.1 to designate bracketed items for battery margin item are identified as COL 16.0-2-H 3.8.3-5 consistent with RAI 16.2-164.

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Item	Location	Description of Change
641.	16B.03.08.01, Actions and SRs	Revised Bases for Action A.2 and SR 3.8.1.2, consistent with response to RAI 16.2-126 (MFN 07-634). Reviewer's note related to float current monitoring for Action A.2, B.2, and SR 3.8.3.1 relocated to Table COL 16.0-2-H 3.8.3-2 consistent with RAI 16.2-164.
642.	16B.03.08.01, Background	Revised Background to specify that batteries "include margin to compensate for uncertainty in determining the battery state of charge," consistent with the response to RAI 16.2-55, Supplement 1.
643.	16B.03.08.01, Background	Revised Background, consistent with response to RAI 16.2-126 (MFN 07-634), to delete discussion of restoration of partially discharged battery
644.	16B.03.08.01, Background, SR	Revised Background and added SR 3.8.1.4 consistent with response to RAI 16.2-129 (MFN 07-634)
645.	16B.03.08.01, SR	Added SR 3.8.1.5 to test the circuit between the DC source and the inverter, which is not otherwise tested.
646.	16B.03.08.01, SR	Deleted bracketed terms "plates" and "grid" to eliminate statement that maintaining battery condition is limited to these components.
647.	16B.03.08.01, SR 3.8.1.1	Revised SR 3.8.1.1 to designate bracketed items for cell voltages as COL 16.0-2-H 3.8.1-4, consistent with the response to RAI 16.2-164.
648.	16B.03.08.01, SR 3.8.1.2	Revised SR 3.8.1.2 to designate bracketed items for battery charger as COL 16.0-2-H 3.8.1-1, consistent with the response to RAI 16.2-164.
649.	16B.03.08.01, SR 3.8.1.3	Revised SR 3.8.1.3 to designate bracketed items for modified performance test as COL 16.0-2-H 3.8.1-3, consistent with the response to RAI 16.2-164.
650.	16B.03.08.01, SR, References	Deleted statement that Regulatory Guide 1.129 states that the battery-service test should be performed during an outage. Deleted associated reference
651.	16B.03.08.02, SR 3.8.1.2	Added SR 3.8.1.4 to list in SR 3.8.2.1 consistent with response to RAI 16.2-129 (MFN 07-634)
652.	16B.03.08.02, SR 3.8.1.2	Added SR 3.8.1.5 to list in SR 3.8.2.1 consistent with changes to LCO 3.8.1.

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Item	Location	Description of Change
653.	16B.03.08.03, Actions, SR 3.8.3.1	Revised Bases for Action B.1 and B.2 and F.1 and SR 3.8.3.1, related to use of float current to monitor state of charge, consistent with response to RAI 16.2-126 (MFN 07-634). Reviewer's Note added by RAI 16.2-126 was subsequently relocated consistent with RAI 16.2-164.
654.	16B.03.08.03, Background	Deleted statement that "The battery cells are constructed with a nominal specific gravity of {1.295}" because specific gravity cannot be monitored in a VRLA battery.
655.	16B.03.08.03, Background, Actions,	Removed brackets from {room} temperature in Background and Condition D consistent with limits on minimum battery temperature needed to ensure battery capacity.
656.	16B.03.08.03, Background, Actions, SR 3.8.3.1	Revised Background, Actions, and SR 3.8.3.1 to designate bracketed item for float current monitoring methods as COL 16.0-2-H 3.8.3-1, consistent with the response to RAI 16.2-164.
657.	16B.03.08.03, Background, Actions, SRs 3.8.3.2 and 3.8.3.5	Revised Background, Conditions A, B, and F, and SR 3.8.2.2 and SR 3.8.3.5 to designate bracketed item for cell float voltage as COL 16.0-2-H 3.8.3-3, consistent with the response to RAI 16.2-164.
658.	16B.03.08.03, SR	Removed brackets from the statement "{each quarterly surveillance}" because the cell selected for monitoring is the cell with the lowest cell voltage during SR 3.8.3.5, which is performed quarterly.
659.	16B.03.08.03, SR 3.8.3.6	Revised SR 3.8.3.6 to designate bracketed item for battery capacity as COL 16.0-2-H 3.8.3-4, consistent with the response to RAI 16.2-164.
660.	16B.03.08.03, SR 3.8.3.6	Revised SR 3.8.3.6 to designate bracketed item for use of a modified performance discharge test as COL 16.0-2-H 3.8.3-2, consistent with the response to RAI 16.2-164.
661.	16B.03.08.06, Background	Revised Background to clarify that "Two divisions (1 and 2) of safety-related power supply the RPS scram pilot valve solenoids and the same two divisions supply power to the MSIV solenoids" consistent with DCD 8.3.1.1.3.
662.	16B.03.09.01, Applicable Safety Analyses	Revised design detail consistent with DCD. Deleted detail not necessary for DCD GTS Bases.
663.	16B.03.09.02, LCO	Revised design detail consistent with DCD. Deleted detail not necessary for DCD GTS Bases.

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Item	Location	Description of Change
664.	16B.03.09.04, Background & LCO & Applicability & Actions	Revised design detail consistent with DCD. Deleted detail not necessary for DCD GTS Bases. Brackets removed.
665.	16B.03.09.05, LCO & SR 3.9.5.1	Replaced curly bracket with square bracket and reference to new Table 16.0-2-H per response to RAI 16.2-164 (MFN 08-162, Supplement 1).
666.	16B.03.09.06, Applicable Safety Analyses	Number of failed fuel assemblies revised to "two (2)" consistent with DCD 15.4.1.3.3 and Table 15.4-2.
667.	16B.03.09.06, Background & Applicable Safety Analyses & References	Revised to reference "52.47(a)(2)(iv)" to reflect August 2007 Part 52 Rule change.
668.	16B.03.09.07, Applicable Safety Analyses	Number of failed fuel assemblies revised to "two (2)" consistent with DCD 15.4.1.3.3 and Table 15.4-2.
669.	16B.03.09.07, Applicable Safety Analyses & References	Revised number of failed fuel assemblies from "4" to "2" consistent with DCD 15.4.1.
670.	16B.03.09.07, Background & Applicable Safety Analyses & References	Revised to reference "52.47(a)(2)(iv)" to reflect August 2007 Part 52 Rule change.
671.	16B.03.10.01, Background & Applicable Safety Analyses & LCO & Applicability & Surveillances	With the changes to LCO 3.6.3.1, Reactor Building (changes discussed elsewhere), Specification 3.10.8 is revised to encompass the appropriate reactor building boundary for conditions where the drywell is not required to be operable. Refer to Change List entry for Specification 3.10.1 for Description of Change and supporting basis.
672.	16B.03.10.03 Applicable Safety Analyses	Revised sixth paragraph by removing brackets surrounding "five-by-five." To reflect finalized presentation.
673.	16B.03.10.03, Title	Revised Title for clarity in differentiating from Specification 3.10.4.

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Item	Location	Description of Change
674.	16B.03.10.04, Applicable Safety Analyses	Revised fourth paragraph by removing brackets surrounding "five-by-five." To reflect finalized presentation.
675.	16B.03.10.05, Applicable Safety Analyses	Revised fourth paragraph by removing brackets surrounding "five-by-five." To reflect finalized presentation.
676.	16B.03.10.05, LCO	Added "(item d)" to clarify relationship to the LCO item being discussed.
677.	16B.03.10.05, LCO	Revised second paragraph by removing brackets surrounding "five-by-five." To reflect finalized presentation.
678.	16B.03.10.05, Surveillance Requirements	Revised first paragraph by removing brackets surrounding "five-by-five." To reflect finalized presentation.
679.	16B.03.10.07, LCO & SR 3.10.7.1	LCO reference revised to SR 3.3.2.1.10 to reflect renumbering in Specification 3.3.2.1.
680.	16B.03.10.07, Applicability	Removed brackets surrounding "10% RTP." To reflect finalized presentation.
681.	16B.03.10.08, Action	Action A reference revised (2 places) to SR 3.3.2.1.10 to reflect renumbering in Specification 3.3.2.1.
682.	16B.03.10.08, LCO & Surveillances	With the changes to LCO 3.6.3.1, Reactor Building (changes discussed elsewhere), Specification 3.10.8 is revised to encompass the appropriate reactor building boundary for conditions where the drywell is not required to be operable. Refer to Change List entry for Specification 3.10.1 for Description of Change and supporting basis.
683.	16B.03.10.09, New Specification	Added LCO 3.10.9, "Oxygen Concentration - Startup Test Program," in response to RAI 16.2-110, Supplement 2 (MFN 07-025, Supplement 2), with minor editorial changes. Further changes incorporated to address RAI 16.2-110, Supplement 3 (Note that a response to this RAI has not been previously submitted). -- Deleted "primary" in phrases "primary containment"
684.	16B.03.10.10, New Specification	Added LCO 3.10.10, "OPRM - Initial Cycle Operation," to support DCD 4D.3.3 "check-out period."

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Item	Location	Description of Change
685.	16B.03.10.10.01, LCO	LCO second paragraph "MODES 3 and 4" changed to "MODE 3" for consistency with the LCO provisions.