

ESBWR DCD Appendices 1A to 1D
26A6642AF Revision 2 to Revision 3 Change List

Item	Location (e.g., subsection with paragraph/sentence/item, table with column/row, or figure)	Description of Change
1	Acronym List	Updated acronyms for consistency with revised names of DCIS, HVAC systems and turbine support systems. Deleted acronyms for EBAS, LPMS and PASS, which have been eliminated from the design.
2	Table 1A-1, TMI Item II.K.3.18	Changed "... persistent reactor water Level 1.5 or 1 signal" to "... persistent low reactor water level signal" in ESBWR Resolution column. Change associated with design changes to Isolation Condenser System that were incorporated elsewhere as part of DCD Rev. 2. Change makes this table consistent with rest of DCD.
3	Table 1A-1, TMI Item I.D.3	Associated Tier 2 Location(s) column updated to provide system-specific details of where this item is addressed. (Incorporated in response to RAI 7.1-39.)
4	Table 1A-1, TMI Item II.K.2.9	Editorial. Changed "Integral" to "Integrated" in ESBWR Resolution column for consistency with Description column.
5	Table 1A-1, TMI Item II.K.2.10	Updated ESBWR Resolution column to indicate that an anticipatory scram is now included in the ESBWR Standard Plant design on loss of power to two of the four main feedwater pumps.
6	Table 1A-1, TMI Item III.D.3.4	Updated discussion of control room ventilation to reflect elimination of EBAS. Affected paragraph now reads: "The Control Room Habitability Area HVAC Subsystem has redundant equipment and includes HEPA and Carbon filters and radiation detectors with appropriate alarms and interlocks. If any hazards exist at the normal control room ventilation intake, habitability is assured by a redundant set of safety-related Emergency Filter Units, which upon isolation of the control room habitability area, provide a positive air purge."
7	S1B.2, List item (3)	Changed reference from Appendix 1D to Appendix 19A to reflect relocation of RTNSS information in DCD Tier 2 Revision 3. Deleted reference to post-accident sampling station and sample analysis area due to elimination of PASS as a subsystem of Containment Monitoring System. (PASS deletion incorporates response to RAI 16.2-68)

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8	S1B.3.2	Deleted ", sampling station and sample analysis area" in first paragraph. Changed "Essential" to "Safety-related" in third paragraph.
9	S1B3.3	Deleted "post-accident sampling station, the sample analysis area,".
10	S1B.5.1.1	Editorial change to replace footnote with a direct text reference to ANSI/ANS 4.5.
11	S1B5.1.4	Changed "self contained bottled air" to "emergency filter units" in second sentence of first paragraph. Deleted discussion of post-accident sampling system (PASS) from second paragraph. Both changes related to plant design changes.
12	Table 1B-4	Replaced "Emergency Breathing Air System" with "Control Room Habitability Area HVAC Subsystem". Changed MPL from "U65" to "U77" and Location from "(EBAS)" to "(CB)"
13	Table 1B-4	Deleted table entries related to post-accident sampling system (PASS)
14	Table 1B-4	Deleted note "(EBAS) – Emergency Breathing Air System Building"
15	Table 1B-5, Instrumentation and Controls	Changed "Essential" to "Safety-Related" to reflect new official name for DCIS.
16	Table 1B-5, Control Building HVAC	Deleted ", toxic gases or smoke" from D21 function. This instrumentation is located elsewhere.
17	Table 1B-5, Control Building HVAC	Added new line item for "Detection of Smoke" in System U43
18	Table 1B-5, Control Building HVAC	Replaced "Sealed Emergency Operating Area" with "Control Room Habitability Area" for consistency with rest of DCD.
19	Table 1B-5, Control Building HVAC	Replaced "Emergency Breathing Air" with "Control Room Habitability Area HVAC Subsystem" due to elimination of EBAS.

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20	Table 1C-1, Generic Letter 80-30	Item described here was actually GL 80-110. Relocated that item to 80-110 (see below). Added actual GL 80-30 information as follows: Issue date 4/10/80, Title "Clarification of the Term "Operable" as it Applies to Single Failure Criterion for Safety Systems Required by TS", Evaluation Result "Chapter 16".
21	Table 1C-1, Generic Letter 80-110	Previous contents for GL 80-30 relocated here where they belong. In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is an administrative communication."
22	Table 1C-1, Generic Letter 80-113	Added "See also Section 1.11 (Item A-36)." to Evaluation Result column.
23	Table 1C-1, Generic Letter 81-04	Revised Evaluation Result column to read: "The ESBWR does not require emergency AC power to achieve safe shutdown. Therefore, this issue is not applicable to the ESBWR Standard Plant design. See Section 1.11 (Item A-44) and Subsection 15.5.5."
24	Table 1C-1, Generic Letter 81-07	Added "See also Section 1.11 (Item A-36)." to Evaluation Result column.
25	Table 1C-1, Generic Letter 81-38	In accordance with DG-1145 exclusionary statement, added "Not Applicable. Is an administrative communication." to Evaluation Result column and deleted "with COL Applicant to supplement".
26	Table 1C-1, Generic Letter 82-39	In accordance with DG-1145 exclusionary statement, added "Not Applicable. Is an administrative communication." to Evaluation Result column.
27	Table 1C-1, Generic Letter 83-07	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is an administrative communication. The requirements of this generic letter have been incorporated into CFR or other SRP requirements."
28	Table 1C-1, Generic Letter 85-01	In accordance with DG-1145 exclusionary statement, added "Not Applicable. Is an administrative communication." to Evaluation Result column.

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29	Table 1C-1, Generic Letter 85-06	Added as new table item. Issue date "1/16/85", Title "Quality Assurance Guidance for ATWS Equipment that is not Safety-Related", Evaluation Result: "Table 17.0-1."
30	Table 1C-1, Generic Letter 86-10, Supplement 1	New item added in response to RAI 20.0-3. No. "86-10s1", Issue Date "3/25/1994", Title "Fire Endurance Test Acceptance Criteria for Fire Barrier Systems Used to Separate Redundant Safe Shutdown Trains Within the Same Fire Area", Evaluation Result "Subsection 9.5.1 and Appendices 9A and 9B".
31	Table 1C-1, Generic Letter 89-13, Supplement 1	Evaluation Result changed to read: "ESBWR has no safety-related service water. COL Applicant/Holder to address actions in Section II.D of Enclosure 1 for selected fire protection system makeup water source." (Incorporated in response to RAI 20.0-1.)
32	Table 1C-1, Generic Letter 88-16	In accordance with DG-1145 exclusionary statement, added "Not Applicable. Is an administrative communication." to Evaluation Result column.
33	Table 1C-1, Generic Letter 88-18	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "This generic letter is not involved with operational experience, so no evaluation is required."
34	Table 1C-1, Generic Letter 89-01	In accordance with DG-1145 exclusionary statement, added "Not Applicable. Is an administrative communication." to Evaluation Result column and deleted "COL Applicant/Holder".
35	Table 1C-1, Generic Letter 89-02	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is a procurement communication."
36	Table 1C-1, Generic Letter 89-07 and 89-07 Supplement 1	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is an administrative and procedural communication."
37	Table 1C-1, Generic Letter 89-10 and all its supplements	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is a maintenance communication."

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38	Table 1C-1, Generic Letter 89-13s1	Changed Evaluation Result column to read: "Not generally applicable, ESBWR has no safety-related service water. COL Applicant/Holder to address actions in Section II.D of Enclosure 1 for selected fire protection system makeup water source." (Incorporated in response to RAI 20.0-1)
39	Table 1C-1, Generic Letter 89-14	In accordance with DG-1145 exclusionary statement, added "Not Applicable. Is an administrative communication." to Evaluation Result column.
40	Table 1C-1, Generic Letter 89-15	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is an administrative communication."
41	Table 1C-1, Generic Letter 91-03	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is an administrative communication."
42	Table 1C-1, Generic Letter 91-04	In accordance with DG-1145 exclusionary statement, added "Not Applicable. Is an administrative communication." to Evaluation Result column. Also replaced ", COL Holder scope" with "are already written to support 24-month fuel cycles."
43	Table 1C-1, Generic Letter 91-05	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is a procurement communication."
44	Table 1C-1, Generic Letter 91-06	Added "and Section 1.11 (Issues A-30 and 128)" to Evaluation Result column.
45	Table 1C-1, Generic Letter 91-10	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Issue is Not Applicable to Commercial Nuclear Power Plants."
46	Table 1C-1, Generic Letter 91-11	Added "(Issues 48 and 128)" to Evaluation Result column.
47	Table 1C-1, Generic Letter 91-14	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is an administrative communication."

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48	Table 1C-1, Generic Letter 91-15	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is a procurement and maintenance communication."
49	Table 1C-1, Generic Letter 91-16	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is an administrative communication."
50	Table 1C-1, Generic Letter 91-17	In accordance with DG-1145 exclusionary statement, revised "COL Holder" in Evaluation Result column to read: "Not Applicable. Is a procurement and maintenance communication." Also added "(Issue 29)" to Evaluation Result column.
51	Table 1C-1, Generic Letter 92-01r1	Added issue date of "03/06/92".
52	Table 1C-1, Generic Letter 92-08	In accordance with DG-1145 exclusionary statement, added "Is a procurement communication." and "as required by Reg Guide 1.75" to Evaluation Result column. (Reference to RG 1.75 incorporated in response to RAI 20.0-2.)
53	Table 1C-1, Generic Letter 93-05	Editorial. Changed "Section 16" to "Chapter 16".
54	Table 1C-1, Generic Letter 93-06	Changed "non-safety" to "nonsafety-related" for procedural compliance. Added "Subsection 9.5.1 and Section 1.11 (Issue 106)" to Evaluation Result column.
55	Table 1C-1, Generic Letter 94-01	In accordance with DG-1145 exclusionary statement, added "Not Applicable. Is a maintenance communication." to Evaluation Result column. Also changed "non-safety" to "nonsafety-related" for procedural compliance.
56	Table 1C-1, Generic Letter 95-07	In accordance with DG-1145 exclusionary statement, added "Not Applicable. Is a procurement communication." to Evaluation Result column.
57	Table 1C-1, Generic Letter 96-01	Changed "The Combined License holder" to "Plant procedures" in Evaluation Result column.

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58	Table 1C-1, Generic Letter 96-03	In accordance with DG-1145 exclusionary statement, added "Not Applicable. Is an administrative communication." to Evaluation Result column. Deleted "COL Holder scope" from same column and replaced "Subsection 16.5.6.4" with "Chapter 16 TS, Subsection 5.6.4".
59	Table 1C-1, Generic Letter 96-04	In accordance with DG-1145 exclusionary statement, added "Not Applicable. Is a procurement communication." to Evaluation Result column.
60	Table 1C-1, Generic Letter 99-02	In accordance with DG-1145 exclusionary statement, revised "COL Applicant/Holder" in Evaluation Result column to read: "Not Applicable. Is a procedural/verification communication."
61	Table 1C-1, Generic Letter 06-02	New table line item. Issue date "2/1/2006", Title "Grid Reliability and the Impact on Plant Risk and the Operability of Offsite Power", Evaluation Result "COLA".
62	Table 1C-1, Generic Letter 2006-03	New item added in response to RAI 20.0-3. No. "06-03", Issue Date "4/10/2006", Title "Potentially Nonconforming Hemyc and MT Fire Barrier Configurations", Evaluation Result "Subsection 9.5.1 and Appendices 9A and 9B".
63	Table 1C-2, IE Bulletin 80-15	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is an administrative communication."
64	Table 1C-2, IE Bulletin 85-03 and 85-03 Supplement 1	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is an administrative, maintenance and procurement communication."
65	Table 1C-2, IE Bulletin 87-02 and all its supplements	In accordance with DG-1145 exclusionary statement, revised Evaluation Result column to read: "Not Applicable. Is a procurement communication."
66	Table 1C-2, IE Bulletin 96-02	In accordance with DG-1145 exclusionary statement, revised "COL Holder to supplement" in Evaluation Result column to read: "Not Applicable. Is a procedural communication."

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67	Table 1C-2, IE Bulletin 96-03	Editorial. Changed "BL" to "IE Bulletin" in Evaluation Result column.
68	Table 1C-2, IE Bulletin 96-04	In accordance with DG-1145 exclusionary statement, revised "COL Holder will address if applicable" in Evaluation Result column to read: "Not Applicable. Is a procedural communication."
69	Table 1C-2, IE Bulletin 2005-02	Changed "COL Applicant to provide" to "Site-specific, and thus not within the scope of a design certification."
70	Appendix 1D	Appendix text deleted in its entirety. Contents relocated to Appendix 19A. Inserted the following sentence in place of Revision 2 text: "Information on Regulatory Treatment of Non-Safety Systems (RTNSS) has been relocated to Appendix 19A."