



April 3, 2014  
NRC:14:015

52-020

U.S. Nuclear Regulatory Commission  
Document Control Desk  
11555 Rockville Pike  
Rockville, MD 20852

**Submittal of Revision 6 of the U.S. EPR Final Safety Analysis Report for Design Certification**

AREVA Inc. (AREVA) hereby submits Revision 6 of the U.S. EPR Final Safety Analysis Report (FSAR). Revision 0 of the U.S. EPR FSAR was submitted to the NRC as part of the application for Standard Design Certification of the U.S. EPR in Reference 1. Subsequent revisions of the U.S. EPR FSAR were submitted to the NRC in References 2 through 6.

This Revision 6 of the U.S. EPR FSAR includes final versions of Chapters 2, 13, 17 (excluding FSAR Section 17.4, which will be completed with FSAR Chapter 19,) and Aircraft Impact Assessment (AIA) (FSAR Section 19.2.7), for NRC consideration as input to the Advanced Safety Evaluation Report (SER) with no open items. AREVA submitted the Closure Plan for FSAR Group A Chapters 2, 13, 17, and AIA to the NRC in Reference 7. Revision 6 does not include final versions of "Group A" Chapters 5, 8, and 10. AREVA is working on the closure of Chapters 5, 8, and 10 open items and will provide NRC a schedule for submitting final versions of these chapters.

Although Revision 6 of the U.S. EPR FSAR includes an update to all FSAR chapters, it is requested that the NRC review of the FSAR be limited to the final Group A chapters (2, 13, 17 and 19.2.7) as noted above, and those changes that directly affect these chapters.

The following items are enclosed on separate DVDs:

1. U.S. EPR Final Safety Analysis Report, including sensitive unclassified non-safeguards information (SUNSI), to be withheld under 10 CFR 2.390.
2. U.S. EPR Final Safety Analysis Report, in which the SUNSI material is redacted, termed the "Public Version."

To facilitate NRC review, a Summary of Changes for FSAR Tier 1 and FSAR Tier 2 is enclosed in Attachments 1 and 2, respectively. These summaries are provided by chapter and subsection, and list AREVA's classification of the type of change, and short description of the change.

The types of changes are as listed below.

RAI - FSAR markups have been previously provided as part of RAI responses.

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RAI - advanced - FSAR markups have been previously provided as part of Advanced RAI responses. If changes are subsequently modified as a result of NRC review, the FSAR will be revised in a future revision.

Editorial, or Consistency Editorial Change - Corrections or improvements such as typographical changes, adding or changing acronyms, etc.

Consistency Update - Generally refers to changes that are made to make the FSAR internally consistent or consistent with other design information.

Corrective Action – A change to the FSAR that was part of an internal condition report written on a problem associated with the FSAR. These changes are generally narrow in scope and improve the presentation in the FSAR such as clarifying previously provided information or correcting figure titles, etc. Anytime a change to the design is made, it will be processed by a Design Change, not a corrective action.

Design Change - A change that is associated with an internal Design Change Request that has been processed that is not associated with any RAI response.

Audit Topic - A change that is associated with an NRC audit action.

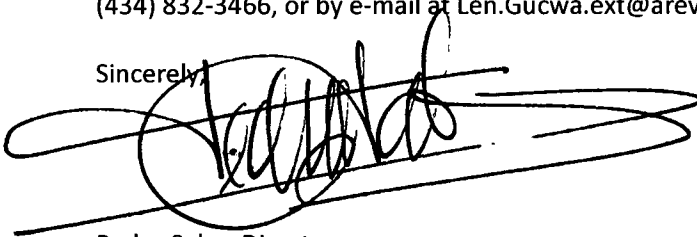
Changes in the FSAR text are identified by change bars. Minor editorial changes such as those related to punctuation and capitalization are generally not marked.

Revision 6 of the U.S. EPR FSAR includes changes associated with responses to NRC Requests for Additional Information (RAIs) submitted through March 2014 (including Advanced RAI responses), although the timing for inclusion of RAI-associated changes varies by chapter and RAI response submittal date.

AREVA looks forward to continued constructive interactions with the NRC to support efficient conduct of the U.S. EPR design certification review.

If you have any questions related to this information, please contact Len Gucwa by telephone at (434) 832-3466, or by e-mail at [Len.Gucwa.ext@areva.com](mailto:Len.Gucwa.ext@areva.com).

Sincerely,

A handwritten signature in black ink, appearing to read 'Pedro Salas', is written over a horizontal line. The signature is stylized with loops and a long horizontal stroke extending to the right.

Pedro Salas, Director  
Regulatory Affairs  
AREVA Inc.

References:

- Ref. 1: Letter, Sandra M. Sloan (AREVA NP Inc.) to Document Control Desk (NRC), "Application for Standard Design Certification of the U.S. EPR" (Project No. 733), NRC:07:070, December 11, 2007.
- Ref. 2: Letter, Sandra M. Sloan (AREVA NP Inc.) to Document Control Desk (NRC), "Submittal of Revision 1 of the U.S. EPR Final Safety Analysis Report for Design Certification," NRC:09:064, May 29, 2009.
- Ref. 3: Letter, Sandra M. Sloan (AREVA NP Inc.) to Document Control Desk (NRC), "Submittal of Revision 2 of the U.S. EPR Final Safety Analysis Report for Design Certification," NRC:10:081, August 31, 2010.
- Ref. 4: Letter, Sandra M. Sloan (AREVA NP Inc.) to Document Control Desk (NRC), "Submittal of Revision 3 of the U.S. EPR Final Safety Analysis Report for Design Certification," NRC:11:085, August 10, 2011.
- Ref. 5: Letter, Pedro Salas (AREVA NP Inc.) to Document Control Desk (NRC), "Re-Submittal of Revision 4 of the U.S. EPR Final Safety Analysis Report for Design Certification," NRC:12:057, November 15, 2012.
- Ref. 6: Letter, Pedro Salas (AREVA NP Inc.) to Document Control Desk (NRC), "Submittal of Revision 5 of the U.S. EPR Final Safety Analysis Report for Design Certification," NRC:13:057, July 19, 2013.
- Ref. 7: Letter, Pedro Salas (AREVA Inc.) to Document Control Desk (NRC), "U.S. EPR Design Certification Application – Closure of FSAR Group A Chapters 2, 13, 17, and AIA," NRC:14:010, March 24, 2014.

Attachments:

1. Summary of Changes for FSAR Tier 1
2. Summary of Changes for FSAR Tier 2

Enclosures:

1. U.S. EPR Final Safety Analysis Report including sensitive unclassified non-safeguards information (SUNSI), to be withheld under 10 CFR 2.390.
2. U.S. EPR Final Safety Analysis Report in which the SUNSI material is redacted, termed the "Public Version."

cc: G. F. Wunder  
J. P. Segala  
Docket No. 52-020

Attachment 1  
US-EPR FSAR Tier 1

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Summary of Changes for Rev. 6

Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
1	2	2.1.1 (Tables 2.1.1-8, 2.1.1-10, 2.1.1-11)	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
2	2	2.1.1 (Table 2.1.1-8)	Design Change	Changes associated with LOCA and MSLB P/T Profiles for Structural Analyses and EQ for safety-related functions
3	2	2.1.1 (Table 2.1.1-8)	Corrective Action	Changes associated with ITAAC for RCB as a post-tensioned, pre-stressed concrete structure
4	2	2.1.1 (Table 2.1.1-8)	Corrective Action	Changes associated with reference to ASME Class MC
5	2	2.1.1.1	Editorial	Changes associated with grammatical correction to Item 2.4
6	2	2.1.1.1 thru 2.1.1.3	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
7	2	2.1.2 (Table 2.1.2-3)	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
8	2	2.1.3 (Table 2.1.3-1)	RAI	Changes associated with RAI 592 Supplement 2 response to Question 14.03.02-63
9	2	2.1.5 (Table 2.1.5-3)	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
10	2	2.2.1 (Tables 2.2.1-1, 2.2.1-2)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
11	2	2.2.2 (Tables 2.2.2-1, 2.2.2-2)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
12	2	2.2.3 (Tables 2.2.3-1, 2.2.3-2)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
13	2	2.2.4 (Table 2.2.4-1)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
14	2	2.2.5 (Table 2.2.5-1)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
15	2	2.2.6 (Tables 2.2.6-1, 2.2.6-2)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
16	2	2.2.7 (Table 2.2.7-2)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
17	2	2.3.1 (Table 2.3.1-1)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
18	2	2.4.4 (Tables 2.4.4-2, 2.4.4-3)	Corrective Action	Changes associated with descriptions for SCWS Train to Train Switchovers
19	2	2.5.1 (Table 2.5.1-1)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
20	2	2.5.2 (Tables 2.5.2-1, 2.5.2-2)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
21	2	2.5.5 (Table 2.5.5-1)	RAI	Changes associated with RAI 564 Supplement 4 response to Question 08.02-8
22	2	2.5.5 (Table 2.5.5-1 & Note)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
23	2	2.5.6 (Table 2.5.6-1 & Note)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
24	2	2.5.7 (Table 2.5.7-1 & Note)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
25	2	2.5.10 (Table 2.5.10-1 & Note)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
26	2	2.5.11 (Table 2.5.11-1 & Note)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
27	2	2.7.1 (Tables 2.7.1-2, 2.7.1-3)	RAI	Changes associated with RAI 604 Supplement 1 response to Question 14.03.07-40
28	2	2.7.2 (Tables 2.7.2-3, 2.7.2-4, 2.7.2-5)	RAI	Changes associated with RAI 604 Supplement 1 response to Question 14.03.07-40

Note 1: Changes applicable to FSAR Rev. 5 submitted after the Rev. 5 cutoff date may be included herein.

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Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
29	2	2.7.11 (Table 2.7.11-1)	Design Change	Changes associated with EDG Redesign of Ventilation for the EDG Diesel Hall and ESW Cooling for the Control/Electrical Room Reference CR 2010-8163
30	2	2.8.7 (Tables 2.8.7-1, 2.8.7-2)	RAI - Advanced	Changes associated with RAI 610 Advanced response to Question 10.04.08-10
31	2	2.8.7 (Table 2.8.7-3)	RAI - Advanced	Changes associated with RAI 610 Advanced response to Question 10.04.08-7
32	2	2.8.7 (Table 2.8.7-3; Figure 2.8.7-1)	RAI - Advanced	Changes associated with RAI 610 Advanced response to Question 10.04.08-9
33	3	3.5 (Table 3.5-1)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
34	3	3.8 (Table 3.8-1)	Corrective Action	Changes associated with Pipe Break Hazard Analysis ITAAC
35	5	5.0 (Table 5.0-1)	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
36	5	5.0 (Table 5.0-1)	RAI	Changes associated with RAI 541 Supplement 2 response to Question 02-3

Note 1: Changes applicable to FSAR Rev. 5 submitted after the Rev. 5 cutoff date may be included herein.

Attachment 2  
US-EPR FSAR Tier 2

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Summary of Changes for Rev. 6

Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
1	Intro	I (Table I-1)	Corrective Action	Changes associated with references to Topical / Technical Reports
2	Intro	I (Table I-1)	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
3	1	1.1 (Table 1.1-1)	Editorial	Changes associated with Extended Loss of AC Power (ELAP) acronym
4	1	1.1 (Table 1.1-1)	Editorial	Changes associated with acronyms for Net Positive Suction Head (NPSHA, NPSHR)
5	1	1.2 (Figures 1.2-7, 1.2-8, 1.2-12, 1.2-13)	Design Change	Changes associated with drawings for Nuclear Auxiliary Building
6	1	1.2 (Figure 1.2-23)	Editorial	Changes associated with editorial correction to Figure 1.2-23
7	1	1.2.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
8	1	1.2.3.1.2	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
9	1	1.6 (Table 1.6-1)	RAI	Changes associated with RAI 354 Supplement 40 response to Question 03.06.02-35
10	1	1.6 (Table 1.6-1)	RAI	Changes associated with RAI 354 Supplement 43 response to Question 03.06.02-35
11	1	1.6 (Table 1.6-1)	Design Change	Changes associated with Spent Fuel Cask Transfer Facility Design Criteria for AIA
12	1	1.6 (Table 1.6-1)	Corrective Action	Changes associated with ANP-10287P setpoint development methodologies for various protection system functions
13	1	1.6 (Table 1.6-1 & Notes)	Corrective Action	Changes associated with references to Topical / Technical Reports
14	1	1.6 (Table 1.6-1)	Editorial	Changes associated with editorial corrections to ANP-10296 Revision Level / Date
15	1	1.6 (Table 1.6-1)	Editorial	Changes associated with references to ANP-10266
16	1	1.6 (Table 1.6-1)	Editorial	Changes associated with incorporation of ANP-10264NP into the FSAR (ref. RAI 365 Supplement 2)
17	1	1.8 (Tables 1.8-1, 1.8-2)	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
18	1	1.8 (Table 1.8-2)	RAI	Changes associated with RAI 588 Supplement 1 response to Question 03.08.03-26
19	1	1.8 (Table 1.8-2)	RAI	Changes associated with RAI 564 Supplement 4 response to Question 08.02-8
20	1	1.8 (Table 1.8-2)	RAI	Changes associated with RAI 587 Supplement 2 response to Question 03.07.02-79
21	1	1.8 (Table 1.8-2)	Audit Topic	Changes associated with Assessments for Probabilistic Risk and Seismic Margin
22	1	1.8 (Table 1.8-2)	Design Change	Changes associated with removal of Decontamination System for Process Vessels and Equipment and Small Machine Components
23	1	1.8 (Table 1.8-2)	Editorial	Changes associated with Surface Deformation
24	1	1.8 (Table 1.8-2)	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
25	1	1.8 (Table 1.8-2)	Editorial	Changes associated with references to SSC acronym and minor grammatical corrections
26	1	1.8 (Table 1.8-2)	Editorial	Changes associated with incorporation of ANP-10264NP into the FSAR (ref. RAI 365 Supplement 2)
27	1	1.9 (Table 1.9-2)	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
28	1	1.9 (Table 1.9-2)	Editorial	Changes associated with RG 1.7 Rev level
29	1	1.9 (Table 1.9-2)	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25

Note 1: Changes applicable to FSAR Rev. 5 submitted after the Rev. 5 cutoff date may be included herein.

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Summary of Changes for Rev. 6

Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
30	1	1.9 (Tables 1.9-2, 1.9-3)	Corrective Action	Changes associated with references to Topical / Technical Reports
31	1	1.9.6	Corrective Action	Changes associated with references to Topical / Technical Reports
32	1	1.9.6	Editorial	Changes associated with reference to ANP-10266
33	2	Ch 2 LOT	Editorial	Changes associated with deletion of redundant information regarding Radionuclide Inventory
34	2	2.1 (Table 2.1-1)	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
35	2	2.1 (Table 2.1-1)	Editorial	Changes associated with addition of reference to Section 11.2
36	2	2.1 (Table 2.1-1 & Note)	Design Change	Changes associated with design updates for Aircraft Hazard Protection
37	2	2.1 (Tables 2.1-1, 2.1-2)	Editorial	Changes associated with deletion of redundant information regarding Radionuclide Inventory
38	2	2.3 (Tables 2.3-1, 2.3-2)	Design Change	Changes associated with design updates for Aircraft Hazard Protection
39	2	2.3 (Tables 2.3-1, Table 2.3-2; Figure 2.3-1)	RAI	Changes associated with RAI 541 Supplement 2 response to Question 02-3
40	2	2.3, 2.3.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
41	2	2.3.1.2	Corrective Action	Changes associated with UHS Water Storage Facility structural description
42	2	2.3.4	Design Change	Changes associated with design updates for Aircraft Hazard Protection
43	2	2.3.4, 2.3.5	RAI	Changes associated with RAI 541 Supplement 2 response to Question 02-3
44	2	2.5.2	Editorial	Changes associated with reference to Table 3.7.2-9
45	2	2.5.3	Editorial	Changes associated with Surface Deformation
46	2	2.5.4.2	Design Change	Changes associated with design updates for Aircraft Hazard Protection
47	2	2.5.4.10.4, 2.5.4.10.5	Corrective Action	Changes associated with guidance for primary/secondary site borings
48	3	3.1.1.2.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
49	3	3.2.2 (Table 3.2.2-1)	RAI	Changes associated with RAI 576 Supplement 1 response to Question 03.02.02-16
50	3	3.2.2 (Table 3.2.2-1)	Design Change	Changes associated with EDG Redesign of Ventilation for the EDG Diesel Hall and ESW Cooling for the Control/Electrical Room Reference CR 2010-8163
51	3	3.2.2 (Table 3.2.2-1)	Design Change	Changes associated with Component Cooling Water, Safety Chilled Water, and Essential Service Water Radiation Monitor Re-Classification (WebCAP 2013-3491)
52	3	3.2.2 (Table 3.2.2-1)	Design Change	Changes associated with Radiation Monitors, to Address RAI 273
53	3	3.2.2 (Table 3.2.2-1)	Corrective Action	Changes associated with Tag Numbers for two components in Table 3.10-1
54	3	3.2.2 (Table 3.2.2-1)	Design Change	Changes associated with Fire Barrier Improvements
55	3	3.2.2 (Table 3.2.2-1)	Design Change	Changes associated with Quality Group Interface for Safety Injection System and Chemical and Volume Control System
56	3	3.2.2 (Table 3.2.2-1)	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25

Note 1: Changes applicable to FSAR Rev. 5 submitted after the Rev. 5 cutoff date may be included herein.

Attachment 2  
US-EPR FSAR Tier 2

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Summary of Changes for Rev. 6

Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
57	3	3.2.2 (Table 3.2.2-1)	Corrective Action	Changes associated with reference to ASME Class MC
58	3	3.2.2 (Table 3.2.2-1)	RAI - Advanced	Changes associated with RAI 610 Advanced response to Questions 10.04.08-5 and 10.04.08-6
59	3	3.2.2 (Table 3.2.2-1)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
60	3	3.3.1.1	RAI	Changes associated with RAI 541 Supplement 2 response to Question 02-3
61	3	3.3.2.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
62	3	3.3.2.1, 3.3.2.2	RAI	Changes associated with RAI 541 Supplement 2 response to Question 02-3
63	3	3.4.1, 3.4.3.5	Corrective Action	Changes associated with the nuclear island drain/vent system
64	3	3.5 (Tables 3.5-1, 3.5-2), 3.5.1, 3.5.1.1.3	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
65	3	3.5.1.4	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
66	3	3.5.2	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
67	3	3.5.3	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
68	3	3.5.3.1.1.3	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
69	3	3.5.3.2, 3.5.3.3, 3.5.4	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
70	3	3.6.1, 3.6.3	Editorial	Changes associated with incorporation of ANP-10264NP into the FSAR (ref. RAI 365 Supplement 2)
71	3	3.6.2.3.2	RAI	Changes associated with RAI 354 Supplement 40 response to Question 03.06.02-35
72	3	3.6.2.6	RAI	Changes associated with RAI 354 Supplement 40 response to Question 03.06.02-35
73	3	3.6.2.6	RAI	Changes associated with RAI 354 Supplement 43 response to Question 03.06.02-35
74	3	3.7 (Table 3.7.2-30 & Note)	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
75	3	3.7.2	Editorial	Changes associated with incorporation of ANP-10264NP into the FSAR (ref. RAI 365 Supplement 2)
76	3	3.7.2.8	RAI	Changes associated with RAI 587 Supplement 2 response to Question 03.07.02-79
77	3	3.7.2.8	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
78	3	3.7.2.16	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
79	3	3.7.3	Editorial	Changes associated with incorporation of ANP-10264NP into the FSAR (ref. RAI 365 Supplement 2)
80	3	3.8	Editorial	Changes associated with incorporation of ANP-10264NP into the FSAR (ref. RAI 365 Supplement 2)
81	3	3.8 (Table 3.8-6)	RAI	Changes associated with RAI 448 Supplement 11 response to Question 03.08.01-49
82	3	3.8 (Table 3.8-6, Table 3.8-7 Note)	RAI	Changes associated with RAI 354 Supplement 39 response to Question 03.08.02-11
83	3	3.8 (Table 3.8-7)	Design Change	Changes associated with LOCA and MSLB P/T Profiles for Structural Analyses and EQ for safety-related functions
84	3	3.8 (Table 3.8-17)	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
85	3	3.8 (Table 3.8-18 and Note)	Design Change	Changes associated with Reactor Containment Building Doors
86	3	3.8 (Table 3.8-20)	RAI - Advanced	Changes associated with RAI 376 Advanced response to Question 03.08.05-31

Note 1: Changes applicable to FSAR Rev. 5 submitted after the Rev. 5 cutoff date may be included herein.



Attachment 2  
US-EPR FSAR Tier 2

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Summary of Changes for Rev. 6

Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
87	3	3.8 (Figures 3.8-2 thru 3.8-13 and 3.8-137 thru 143)	Design Change	Changes associated with Reactor Containment Building Doors
88	3	3.8 (Figure 3.8-40)	Corrective Action	Changes associated with drawing for Fuel Building
89	3	3.8 (Figures 3.8-41, 3.8-46, 3.8-47)	Design Change	Changes associated with drawing for Fuel Building
90	3	3.8 (Figure 3.8-101)	Design Change	Changes associated with drawing for Essential Service Water Building
91	3	3.8 (Figures 3.8-124 thru 3.8-136)	RAI	Changes associated with RAI 354 Supplement 42 response to Question 03.08.05-22
92	3	3.8.1	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
93	3	3.8.1.1	RAI	Changes associated with RAI 354 Supplement 39 response to Question 03.08.02-11
94	3	3.8.1.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
95	3	3.8.1.1	Design Change	Changes associated with LOCA and MSLB P/T Profiles for Structural Analyses and EQ for safety-related functions
96	3	3.8.1.1.1, 3.8.1.1.2	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
97	3	3.8.1.1.3	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
98	3	3.8.1.1.3	Corrective Action	Changes associated with reference to ASME Class MC
99	3	3.8.1.2.1, 3.8.1.2.3	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
100	3	3.8.1.3	Corrective Action	Changes associated with reference to ASME Class MC
101	3	3.8.1.3, 3.8.1.3.1	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
102	3	3.8.1.3.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
103	3	3.8.1.4, 3.8.1.4.1, 3.8.1.4.9	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
104	3	3.8.1.4, 3.8.1.4.1, 3.8.1.4.11	RAI	Changes associated with RAI 354 Supplement 39 response to Question 03.08.02-11
105	3	3.8.1.4, 3.8.1.4.4, 3.8.1.4.7, 3.8.1.4.10, 3.8.1.4.11	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
106	3	3.8.1.4.11	Design Change	Changes associated with LOCA and MSLB P/T Profiles for Structural Analyses and EQ for safety-related functions
107	3	3.8.1.5	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
108	3	3.8.1.6, 3.8.1.6.1 thru 3.8.1.6.5	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
109	3	3.8.1.7.1, 3.8.1.7.2	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
110	3	3.8.1.7.2	Corrective Action	Changes associated with reference to ASME Class MC
111	3	3.8.2.1.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
112	3	3.8.2.1.1, 3.8.2.1.2, 3.8.2.1.3, 3.8.2.1.4	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
113	3	3.8.2.2.1	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6

Note 1: Changes applicable to FSAR Rev. 5 submitted after the Rev. 5 cutoff date may be included herein.

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Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
114	3	3.8.2.2.1, 3.8.2.2.2	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
115	3	3.8.2.3.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
116	3	3.8.2.3.2	Editorial	Changes associated with editorial corrections to equations for Level C service limit load combinations
117	3	3.8.2.4	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
118	3	3.8.2.4, 3.8.2.4.1	RAI	Changes associated with RAI 354 Supplement 39 response to Question 03.08.02-11
119	3	3.8.2.4.1	Corrective Action	Changes associated with reference to ASME Class MC
120	3	3.8.2.5 thru 3.8.2.7	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
121	3	3.8.3.1.13	RAI	Changes associated with RAI 588 Supplement 1 response to Question 03.08.03-26
122	3	3.8.3.1.13	Design Change	Changes associated with Reactor Containment Building Doors
123	3	3.8.3.2.1, 3.8.3.2.3	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
124	3	3.8.3.3.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
125	3	3.8.3.3.1, 3.8.3.3.2	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
126	3	3.8.3.4, 3.8.3.4.1, 3.8.3.4.2, 3.8.3.4.4	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
127	3	3.8.3.4.1, 3.8.3.4.2	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
128	3	3.8.3.5	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
129	3	3.8.3.5	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
130	3	3.8.3.6.1 thru 3.8.3.6.3	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
131	3	3.8.3.7	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
132	3	3.8.4.1.2	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
133	3	3.8.4.1.2, 3.8.4.1.3, 3.8.4.1.5, 3.8.4.1.8	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
134	3	3.8.4.1.4, 3.8.4.1.5	RAI - Advanced	Changes associated with RAI 376 Advanced response to Question 03.08.05-31
135	3	3.8.4.2.1, 3.8.4.2.3	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
136	3	3.8.4.2.1, 3.8.4.2.4	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
137	3	3.8.4.3.1, 3.8.4.3.2	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
138	3	3.8.4.3.1, 3.8.4.3.2	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
139	3	3.8.4.3.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
140	3	3.8.4.4.1	RAI	Changes associated with RAI 412 Supplement 12 response to Question 03.07.02-74
141	3	3.8.4.4.1	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
142	3	3.8.4.4.1, 3.8.4.4.2	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6

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Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
143	3	3.8.4.4.1, 3.8.4.4.3.	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
144	3	3.8.4.4.3, 3.8.4.4.4	RAI - Advanced	Changes associated with RAI 376 Advanced response to Question 03.08.05-31
145	3	3.8.4.4.3 thru 3.8.4.4.5	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
146	3	3.8.4.5, 3.8.4.7	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
147	3	3.8.5.1.1	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
148	3	3.8.5.1.2, 3.8.5.1.3	RAI - Advanced	Changes associated with RAI 376 Advanced response to Question 03.08.05-31
149	3	3.8.5.2, 3.8.5.3	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
150	3	3.8.5.3	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
151	3	3.8.5.4.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
152	3	3.8.5.4.1	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
153	3	3.8.5.4.1, 3.8.5.4.2, 3.8.5.4.3, 3.8.5.4.4	RAI - Advanced	Changes associated with RAI 376 Advanced response to Question 03.08.05-31
154	3	3.8.5.4.2	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
155	3	3.8.5.4.2, 3.8.5.4.3, 3.8.5.4.4	RAI	Changes associated with RAI 354 Supplement 42 response to Question 03.08.05-22
156	3	3.8.5.5	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
157	3	3.8.5.5, 3.8.5.5.1, 3.8.5.5.2, 3.8.5.5.3	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
158	3	3.8.5.5.3	RAI - Advanced	Changes associated with RAI 376 Advanced response to Question 03.08.05-31
159	3	3.8.5.6.1	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
160	3	3.8.5.7	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
161	3	3.8.6	RAI - Advanced	Changes associated with RAI 376 Advanced response to Question 03.08.05-31
162	3	3.8.6	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
163	3	3.8.6	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
164	3	3.9	Editorial	Changes associated with incorporation of ANP-10264NP into the FSAR (ref. RAI 365 Supplement 2)
165	3	3.9.3 (Tables 3.9.3-2 & Note, 3.9.3-4 & Note)	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
166	3	3.9.3.1.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
167	3	3.9.5.1.3.2, 3.9.5.1.4.5, 3.9.5.5	Corrective Action	Changes associated with references to Topical / Technical Reports
168	3	3.10 (Table 3.10-1)	Design Change	Changes associated with EDG Redesign of Ventilation for the EDG Diesel Hall and ESW Cooling for the Control/Electrical Room Reference CR 2010-8163

Note 1: Changes applicable to FSAR Rev. 5 submitted after the Rev. 5 cutoff date may be included herein.

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Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
169	3	3.10 (Table 3.10-1)	Design Change	Changes associated with Component Cooling Water, Safety Chilled Water, and Essential Service Water Radiation Monitor Re-Classification (WebCAP 2013-3491)
170	3	3.10 (Table 3.10-1)	Corrective Action	Changes associated with Tag Numbers for two components in Table 3.10-1
171	3	3.10 (Table 3.10-1)	Design Change	Changes associated with Fire Barrier Improvements
172	3	3.10 (Table 3.10-1)	Corrective Action	Changes associated with Local Area KKS ID numbers for ESW Sample Isolation components
173	3	3.10 (Table 3.10-1)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
174	3	3.10 (Table 3.10-2)	RAI	Changes associated with RAI 576 Supplement 1 response to Question 03.02.02-16
175	3	3.11 (Table 3.11-1)	Design Change	Changes associated with EDG Redesign of Ventilation for the EDG Diesel Hall and ESW Cooling for the Control/Electrical Room Reference CR 2010-8163
176	3	3.11 (Table 3.11-1)	Design Change	Changes associated with Component Cooling Water, Safety Chilled Water, and Essential Service Water Radiation Monitor Re-Classification (WebCAP 2013-3491)
177	3	3.11 (Table 3.11-1)	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
178	3	3.11 (Tables 3.11-1, 3.11-2)	RAI	Changes associated with RAI 576 Supplement 1 response to Question 03.02.02-16
179	3	3.12	Editorial	Changes associated with incorporation of ANP-10264NP into the FSAR (ref. RAI 365 Supplement 2)
180	3	3A	Editorial	Changes associated with incorporation of ANP-10264NP into the FSAR (ref. RAI 365 Supplement 2)
181	3	3.B (Figures 3B-3 thru 3B-14)	Design Change	Changes associated with Reactor Containment Building Doors
182	3	3.B (Figures 3B-18, 3B-23, 3B-24)	Design Change	Changes associated with drawing for Fuel Building
183	3	3B (Figures 3B-63, 3B-64, 3B-65, 3B-66)	Design Change	Changes associated with Figure updates - Dimensional Plans for Emergency Power Generating Buildings
184	3	3.B (Figure 3B-75)	Design Change	Changes associated with drawing for Essential Service Water Building
185	3	3C	Editorial	Changes associated with incorporation of ANP-10264NP into the FSAR (ref. RAI 365 Supplement 2)
186	3	3D.5.4	Design Change	Changes associated with LOCA and MSLB P/T Profiles for Structural Analyses and EQ for safety-related functions
187	3	3E (in its entirety)	RAI - Advanced	Changes associated with RAI 155 Advanced response to Question 03.08.04-6
188	3	3E.1 (Table 3E.1-4)	RAI - Advanced	Changes associated with RAI 376 Advanced response to Question 03.08.05-31
189	3	3E.1 (Table 3E.1-38)	Design Change	Changes associated with AGA Drawings for CR 2009-3535 and -3601
190	3	3E.2 (Table 3E.2-1)	RAI - Advanced	Changes associated with RAI 376 Advanced response to Question 03.08.05-31
191	3	3E.3 (Tables 3E.3-1, 3E.3-2)	RAI - Advanced	Changes associated with RAI 376 Advanced response to Question 03.08.05-31
192	3	3F	Editorial	Changes associated with incorporation of ANP-10264NP into the FSAR (ref. RAI 365 Supplement 2)
193	4	4.3 (Tables 4.3-1, 4.3-5)	RAI - Advanced	Changes associated with Advanced response to fourth round of RAIs for Topical Report ANP-10287P, Question 33

Note 1: Changes applicable to FSAR Rev. 5 submitted after the Rev. 5 cutoff date may be included herein.

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Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
194	4	4.3.5	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and <u>Anti-dilution Mitigation functions</u>
195	4	4.4 (Table 4.4-1)	RAI - Advanced	Changes associated with RAI 505 Advanced response to Question 07.01-33
196	4	4.4.4.5.3	RAI - Advanced	Changes associated with RAI 505 Advanced response to Question 07.01-33
197	4	4.4.7	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and <u>Anti-dilution Mitigation functions</u>
198	4	4.6.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
199	5	5.1 (Figure 5.1-2)	Design Change	Changes associated with Reactor Containment <u>Building Doors</u>
200	5	5.1 (Figure 5.1-4 Sht 3 of 7)	Editorial	Changes associated with editorial corrections for non-intersecting flow paths
201	5	5.2 (Table 5.2-3)	Editorial	Changes associated with editorial corrections to <u>specified operating conditions</u>
202	5	5.3 (Table 5.3-8)	Corrective Action	Changes associated with consistency of Tier 1 and <u>Tier 2 electrical/mechanical information</u>
203	5	5.3.1	Editorial	Changes associated with correction of grammatical errors
204	5	5.3.1.2	Corrective Action	Changes associated with consistency of Tier 1 and <u>Tier 2 electrical/mechanical information</u>
205	5	5.3.2.1	Corrective Action	Changes associated with references to Topical / Technical Reports
206	5	5.3.4	Corrective Action	Changes associated with references to Topical / Technical Reports
207	5	5.4 (Table 5.4-7)	Editorial	Changes associated with addition of closing <u>parenthesis mark</u>
208	5	5.4.1.1	Editorial	Changes associated with clarification of excepted condition
209	5	5.4.1.2.1	Editorial	Changes associated with Extended Loss of AC Power (ELAP) acronym
210	5	5.4.2.5.2.10	Editorial	Changes associated with correction of Section No. reference
211	5	5.4.3.3	Editorial	Changes associated with clarification of wording for <u>RCS heatup phases</u>
212	5	5.4.7.1, 5.4.7.2	Editorial	Changes associated with clarification of wording for <u>heat removal functions in RCS cooldown</u>
213	5	5.4.11.1	Editorial	Changes associated with removal of inapplicable wording
214	6	6.2.1.1.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
215	6	6.2.1.1.2	Design Change	Changes associated with LOCA and MSLB P/T Profiles for Structural Analyses and EQ for safety-related functions
216	6	6.2.1.4.3.3	Design Change	Changes associated with LOCA and MSLB P/T Profiles for Structural Analyses and EQ for safety-related functions
217	6	6.2.2.2	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
218	6	6.2.3 (Figure 6.2.3-2)	Design Change	Changes associated with Fire Barrier Improvements
219	6	6.2.3.1	Editorial	Changes associated with correction of syntactical error
220	6	6.2.5 (Figures 6.2.5-2 thru 6.2.5-9)	RAI	Changes associated with RAI 566 Supplement 2 response to Question 06.02.05-32
221	6	6.2.5.3.1	RAI	Changes associated with RAI 566 Supplement 2 response to Question 06.02.05-32

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Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
222	6	6.2.5.3.2	RAI	Changes associated with RAI 553 Supplement 6 response to Question 06.02.05-31
223	6	6.2.5.3.3	RAI	Changes associated with RAI 591 Supplement 1 response to Question 19-370
224	6	6.2.6.1	Design Change	Changes associated with LOCA and MSLB P/T Profiles for Structural Analyses and EQ for safety-related functions
225	6	6.2.8	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
226	6	6.3 (Tables 6.3-2, 6.3-3; Figures 6.3-8 thru 6.3-11)	RAI	Changes associated with RAI 553 Supplement 5 response to Question 06.03-18
227	6	6.3.2.2.2	RAI	Changes associated with RAI 583 Supplement 2 response to Question 03.08.03-25
228	6	6.3.3.3	RAI	Changes associated with RAI 553 Supplement 5 response to Question 06.03-18
229	7	7.1.1.3.1 7.1.1.3.2 7.1.1.4.5 7.1.1.4.7 7.1.1.4.8	Editorial	Changes associated with references to ANP-10266
230	7	7.1.1.5.2	RAI - Advanced	Changes associated with RAI 505 Advanced response to Question 07.01-33
231	7	7.1.4	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and Anti-dilution Mitigation functions
232	7	7.1.4	Editorial	Changes associated with references to ANP-10266
233	7	7.2.1.2.1, 7.2.1.2.2, 7.2.2.1.5	RAI - Advanced	Changes associated with RAI 505 Advanced response to Question 07.01-33
234	7	7.2.3	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and Anti-dilution Mitigation functions
235	7	7.3 (Figure 7.3-2), 7.3.1.2.1	RAI - Advanced	Changes associated with planned RAI 579 response to Question 19-366
236	8	8.1.4.1	RAI	Changes associated with RAI 564 Supplement 4 response to Question 08.02-8
237	8	8.2 (Table 8.2-1)	RAI	Changes associated with RAI 564 Supplement 4 response to Question 08.02-8
238	8	8.2.1.1	RAI	Changes associated with RAI 564 Supplement 4 response to Question 08.02-8
239	8	8.2.2.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
240	8	8.2.2.4	RAI	Changes associated with RAI 564 Supplement 4 response to Question 08.02-8
241	8	8.2.3	RAI	Changes associated with RAI 564 Supplement 3 response to Question 08.02-8
242	8	8.3.1.1.7	Editorial	Changes associated with Extended Loss of AC Power (ELAP) acronym
243	8	8.3.1.2.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
244	8	8.3.2.1.1.1	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
245	8	8.3.2.2.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
246	8	8.4.1.3	Corrective Action	Changes associated with consistency of Tier 1 and Tier 2 electrical/mechanical information
247	9	9.1.2 (Figures 9.1.2-2 & 9.1.2-7)	RAI	Changes associated with RAI 445 Supplement 17 response to Question 03.08.04-15

Note 1: Changes applicable to FSAR Rev. 5 submitted after the Rev. 5 cutoff date may be included herein.

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Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
248	9	9.1.2 (Figure 9.1.2-8)	RAI	Changes associated with RAI 513 Supplement 16 response to Question 09.01.01-58
249	9	9.1.3 (Figure 9.1.3-2)	Editorial	Changes associated with deletion of inapplicable text from Fuel Pool Purification System drawing
250	9	9.1.4.1	Design Change	Changes associated with Spent Fuel Cask Transfer Facility Design Criteria for AIA
251	9	9.1.4.2.1	RAI	Changes associated with RAI 445 Supplement 17 response to Question 03.08.04-15
252	9	9.1.4.2.2	RAI	Changes associated with RAI 513 Supplement 16 response to Question 09.01.01-58
253	9	9.1.4.2.2	Design Change	Changes associated with Spent Fuel Cask Transfer Facility Design Criteria for AIA
254	9	9.1.4.3, 9.1.4.3.1, 9.1.4.3.4	Design Change	Changes associated with Spent Fuel Cask Transfer Facility Design Criteria for AIA
255	9	9.1.4.3.1	RAI	Changes associated with RAI 513 Supplement 16 response to Question 09.01.01-58
256	9	9.1.5.2.3	RAI	Changes associated with RAI 445 Supplement 17 response to Question 03.08.04-15
257	9	9.2.1 (Figure 9.2.1-1)	Design Change	Changes associated with EDG Redesign of Ventilation for the EDG Diesel Hall and ESW Cooling for the Control/Electrical Room Reference CR 2010-8163
258	9	9.2.1.3.5	Design Change	Changes associated with EDG Redesign of Ventilation for the EDG Diesel Hall and ESW Cooling for the Control/Electrical Room Reference CR 2010-8163
259	9	9.2.2 (Table 9.2.2-2)	RAI	Changes associated with RAI 602 response to Question 09.02.05-39
260	9	9.2.2 (Table 9.2.2-4)	RAI	Changes associated with RAI 603 Supplement 1 response to Question 09.02.02-123
261	9	9.2.5 (Table 9.2.5-1)	RAI	Changes associated with RAI 602 response to Question 09.02.05-39
262	9	9.2.5 (Table 9.2.5-4)	Corrective Action	Changes associated with design values for minimum water cooling in the UHS
263	9	9.2.5.3.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
264	9	9.2.5.5	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
265	9	9.2.5.5	RAI	Changes associated with RAI 602 response to Question 09.02.05-39
266	9	9.3.4 (Figure 9.3.4-1)	Design Change	Changes associated with Quality Group Interface for Safety Injection System and Chemical and Volume Control System
267	9	9.4.5 (Figure 9.4.5-2)	Design Change	Changes associated with Fire Barrier Improvements
268	9	9.4.7.1	Editorial	Changes associated with Extended Loss of AC Power (ELAP) acronym
269	9	9.4.9 (Figure 9.4.9-1)	Corrective Action	Changes associated with Tag Numbers for two components in Table 3.10-1
270	9	9.4.9.2.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
271	9	9.4.11.2.1, 9.4.11.2.3	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
272	9	9.5.1.1	Editorial	Changes associated with Extended Loss of AC Power (ELAP) acronym
273	9	9.5.1.6.5, 9.5.1.7	Editorial	Changes associated with references to ANP-10266
274	9	9.5.4.2.2	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3

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Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
275	9	9A (Figures 9A-52, 9A-55, 9A-56, 9A-57, 9A-60, 9A-61, 9A-82, 9A-87, 9A-92, 9A-93)	Design Change	Changes associated with drawings for Essential Service Water Building, Nuclear Auxiliary Building, and Fuel Building
276	9	9A (Figure 9A-86)	Corrective Action	Changes associated with drawing for Fuel Building
277	10	10.3.2.2	Design Change	Changes associated with PSF Response Times, Standby FW Pump Auto Start Control, and MFW / MS Isolation
278	10	10.3.3	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
279	10	10.4.7 (Table 10.4.7-1), 10.4.7.1, 10.4.7.2.1, 10.4.7.2.2, 10.4.7.2.3	Design Change	Changes associated with PSF Response Times, Standby FW Pump Auto Start Control, and MFW / MS Isolation
280	10	10.4.8.1	RAI - Advanced	Changes associated with RAI 610 Advanced response to Question 10.04.08-6
281	10	10.4.8.2.2	RAI - Advanced	Changes associated with RAI 610 Advanced response to Question 10.04.08-9
282	10	10.4.8.3.2, 10.4.8.3.3	RAI - Advanced	Changes associated with RAI 610 Advanced response to Question 10.04.08-7
283	10	10.4.8.3.2, 10.4.8.3.3	RAI - Advanced	Changes associated with RAI 610 Advanced response to Question 10.04.08-9
284	10	10.4.8.4	RAI - Advanced	Changes associated with RAI 610 Advanced response to Question 10.04.08-6 and 10.04.08-8
285	10	10.4.8.6	RAI - Advanced	Changes associated with RAI 610 Advanced response to Question 10.04.08-7
286	10	10.4.9.3	RAI	Changes associated with RAI 602 response to Question 09.02.05-39
287	11	11.2.1.2.4	Design Change	Changes associated with removal of Decontamination System for Process Vessels and Equipment and Small Machine Components
288	11	11.4.1.2.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
289	11	11.5.3.1	Corrective Action	Changes associated with airborne radioactivity monitoring
290	12	12.3 (Figure 12.3-32)	Corrective Action	Changes associated with drawing for Fuel Building radiation zone
291	12	12.3 (Figures 12.3-33, 12.3-38, 12.3-39)	Design Change	Changes associated with drawings for Fuel Building Radiation Zones
292	12	12.3 (Figures 12.3-45, 12.3-46, 12.3-50, 12.3-51)	Design Change	Changes associated with drawings for Fuel Building Radiation Zones
293	12	12.3.1.8.1	RAI	Changes associated with RAI 588 Supplement 1 response to Question 03.08.03-26
294	12	12.3.4.2.2	Corrective Action	Changes associated with airborne radioactivity monitoring
295	13	13.8	Editorial	Changes associated with editorial correction to ANP-10295P reference document Rev. level and date
296	13	13.8	Editorial	Changes associated with editorial corrections to ANP-10296 Revision Level / Date
297	14	14.2	Editorial	Changes associated with Extended Loss of AC Power (ELAP) acronym
298	14	14.3 (Table 14.3-1)	Design Change	Changes associated with LOCA and MSLB P/T Profiles for Structural Analyses and EQ for safety-related functions

Note 1: Changes applicable to FSAR Rev. 5 submitted after the Rev. 5 cutoff date may be included herein.



Summary of Changes for Rev. 6

Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
299	15	15.0 (Table 15.0-7 & Note)	RAI - Advanced	Changes associated with RAI 505 Advanced response to Question 07.01-33
300	15	15.0 (Tables 15.0-11, 15.0-62)	Corrective Action	Changes associated with SGTR re-analysis
301	15	15.0 (Table 15.0-60)	Corrective Action	Changes associated with references to Topical / Technical Reports
302	15	15.0.0.3.7, 15.0.0.3.8	Corrective Action	Changes associated with SGTR re-analysis
303	15	15.0.0.3.8	RAI - Advanced	Changes associated with RAI 505 Advanced response to Question 07.01-33
304	15	15.0.6	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and Anti-dilution Mitigation functions
305	15	15.0.6	Corrective Action	Changes associated with references to Topical / Technical Reports
306	15	15.0.6	Editorial	Changes associated with references to ANP-10266
307	15	15.1 (Figure 15.1-58)	RAI - Advanced	Changes associated with RAI 505 Advanced response to Question 07.01-33
308	15	15.1.2.3	RAI - Advanced	Changes associated with RAI 505 Advanced response to Question 07.01-33
309	15	15.1.3.2, 15.1.3.3	RAI	Changes associated with RAI 582 Supplement 2 response to Question 15.08-1
310	15	15.1.6	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and Anti-dilution Mitigation functions
311	15	15.2.9	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and Anti-dilution Mitigation functions
312	15	15.3.5	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and Anti-dilution Mitigation functions
313	15	15.4.6.2.3, 15.4.6.3.3	RAI - Advanced	Changes associated with Advanced response to fourth round of RAIs for Topical Report ANP-10287P, Question 33
314	15	15.4.10	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and Anti-dilution Mitigation functions
315	15	15.6 (Table 15.6-14)	Corrective Action	Changes associated with SBLOCA Emergency Feedwater Temperature
316	15	15.6 (Table 15.6-5)	Corrective Action	Changes associated with SGTR re-analysis
317	15	15.6.3.2, 15.6.3.3	Corrective Action	Changes associated with SGTR re-analysis
318	15	15.6.5.2.2	Corrective Action	Changes associated with SBLOCA Emergency Feedwater Temperature
319	15	15.6.6	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and Anti-dilution Mitigation functions
320	15	15.8.1.2, 15.8.1.3	RAI	Changes associated with RAI 582 Supplement 2 response to Question 15.08-1
321	16	3.7.12 (Actions, SR 3.7.12.9)	RAI	Changes associated with RAI 584 Supplement 1 response to Question 06.02.03-9
322	16	3.7.22 (LCO, Actions, SR)	RAI - Advanced	Changes associated with RAI 606 Advanced response to Question 16-324

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Summary of Changes for Rev. 6

Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
323	16	3.9.7 (LCO)	RAI	Changes associated with RAI 572 Supplement 2 response to Question 19-364
324	16	5.5 (entire Section)	Editorial	Changes associated with correction of Section No. and Title in header
325	16	5.5.15	Design Change	Changes associated with LOCA and MSRB P/T Profiles for Structural Analyses and EQ for safety-related functions
326	16	5.6.3	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and Anti-dilution Mitigation functions
327	16	5.6.4	Corrective Action	Changes associated with references to Topical / Technical Reports
328	16	B 3.1.1	Editorial	Changes associated with correction of Section No. and Title in header
329	16	B 3.2.3 (Refs, SR 3.2.3.2)	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and Anti-dilution Mitigation functions
330	16	B 3.3.1 (Refs)	Corrective Action	Changes associated with setpoint development for High Core Power Level, Low Saturation Margin, and Anti-dilution Mitigation functions
331	16	B 3.3.3 (Applic. Safety Analyses, LCO & Applic.; Item 3a)	RAI	Changes associated with RAI 602 response to Question 09.02.05-39
332	16	B 3.6.1 (ASA), B 3.6.2 (ASA)	Design Change	Changes associated with LOCA and MSRB P/T Profiles for Structural Analyses and EQ for safety-related functions
333	16	B 3.6.4 (ASA), B 3.6.5 (ASA)	Design Change	Changes associated with LOCA and MSRB P/T Profiles for Structural Analyses and EQ for safety-related functions
334	16	B 3.7.12 (Bkgrd, ASA, LCO, Actions, SR 3.7.12.9 Refs)	RAI	Changes associated with RAI 584 Supplement 1 response to Question 06.02.03-9
335	16	B 3.7.19 (Bkgrd)	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
336	16	B 3.7.19 (Bkgrd)	Editorial	Changes associated with correction of spelling error
337	16	B 3.7.22 (All Sections)	RAI - Advanced	Changes associated with RAI 606 Advanced response to Question 16-324
338	16	B 3.9.7 (LCO)	RAI	Changes associated with RAI 572 Supplement 2 response to Question 19-364
339	17	17.0	Editorial	Changes associated with references to ANP-10266
340	17	17.4.2, 17.4.3	Editorial	Changes associated with references to ANP-10266 and AREVA
341	17	17.5	Editorial	Changes associated with references to ANP-10266
342	17	17.5.2	Editorial	Changes associated with correction of punctuation error
343	17	17.5.3, 17.5.4,	Editorial	Changes associated with references to ANP-10266 and AREVA
344	17	17.6.1, 17.6.2, 17.6.4, 17.6.6, 17.6.8	Editorial	Changes associated with references to SSC acronym and minor grammatical corrections
345	18	18.1.6, 18.7.9, 18.11.5	Editorial	Changes associated with references to ANP-10266

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Summary of Changes for Rev. 6

Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
346	19	19.1 (Table 19.1-102)	Design Change	Changes associated with LOCA and MSLB P/T Profiles for Structural Analyses and EQ for safety-related functions
347	19	19.2.2.6, 19.2.3.1	Design Change	Changes associated with LOCA and MSLB P/T Profiles for Structural Analyses and EQ for safety-related functions
348	19	19.1 (Table 19.1-106 & Notes)	Audit Topic	Changes associated with Assessments for Probabilistic Risk and Seismic Margin
349	19	19.1 (Table 19.1-108)	RAI - Advanced	Changes associated with RAI 572 Advanced response to Question 19-365
350	19	19.1.2.2	Audit Topic	Changes associated with Assessments for Probabilistic Risk and Seismic Margin
351	19	19.1.2.3	RAI	Changes associated with RAI 581 Supplement 1 response to Question 19-368
352	19	19.1.2.4, 19.1.2.4.1	RAI	Changes associated with RAI 532 Supplement 4 response to Question 19-352
353	19	19.1.2.4.1	Audit Topic	Changes associated with Assessments for Probabilistic Risk and Seismic Margin
354	19	19.1.4.1.1.2	Audit Topic	Changes associated with Assessments for Probabilistic Risk and Seismic Margin
355	19	19.1.5.1.1.3, 19.1.5.1.1.4	Audit Topic	Changes associated with Assessments for Probabilistic Risk and Seismic Margin
356	19	19.1.5.4, 19.1.5.4.1	RAI	Changes associated with RAI 541 Supplement 1 response to Question 02-3
357	19	19.1.6.1.7	RAI - Advanced	Changes associated with RAI 579 Advanced response to Question 19-366
358	19	19.1.6.3.2.2	RAI - Advanced	Changes associated with RAI 572 Advanced response to Question 19-365
359	19	19.2 (Table 19.2-3 & Note; Figures 19.2-4 thru 19.2-10, 19.2-15, 19.2-16, 19.2-19 thru 19.2-21)	RAI	Changes associated with RAI 591 response to Question 19-370
360	19	19.2 (Tables 19.2-3 & Note, 19.2-4)	RAI	Changes associated with RAI 591 Supplement 1 response to Question 19-370
361	19	19.2 (Figure 19.2-5)	RAI	Changes associated with RAI 471 Supplement 10 response to Question 06.02.05-20
362	19	19.2.2.3, 19.2.2.5, 19.2.2.6	RAI	Changes associated with RAI 591 response to Question 19-370
363	19	19.2.3.1, 19.2.3.3.3.1, 19.2.3.3.3.2, 19.2.3.3.8	RAI	Changes associated with RAI 591 response to Question 19-370
364	19	19.2.4.2, 19.2.4.2.1, 19.2.4.2.2, 19.2.4.2.3, 19.2.4.2.5, 19.2.4.2.5.2	RAI	Changes associated with RAI 591 response to Question 19-370
365	19	19.2.4.4.1.1, 19.2.4.4.1.2, 19.2.4.4.1.3, 19.2.4.4.1.4	RAI	Changes associated with RAI 591 response to Question 19-370

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Item No.	Chapter	Subsection	Type of Change	Description of Change (See Note 1)
366	19	19.2.4.4.1.3	RAI	Changes associated with RAI 471 Supplement 10 response to Question 06.02.05-20
367	19	19.2.4.4.2.1, 19.2.4.4.2.2, 19.2.4.4.2.4	RAI	Changes associated with RAI 591 response to Question 19-370
368	19	19.2.4.4.3, 19.2.4.4.3.1, 19.2.4.4.3.3, 19.2.4.4.3.4	RAI	Changes associated with RAI 591 response to Question 19-370
369	19	19.2.4.4.4	RAI	Changes associated with RAI 591 response to Question 19-370
370	19	19.2.4.4.5, 19.2.4.4.5.1, 19.2.4.4.5.2, 19.2.4.4.5.3, 19.2.4.4.5.4	RAI	Changes associated with RAI 591 response to Question 19-370
371	19	19.2.4.4.5.2	RAI	Changes associated with RAI 591 Supplement 1 response to Question 19-370
372	19	19.2.4.6	RAI	Changes associated with RAI 591 response to Question 19-370
373	19	19.2.5.2	RAI	Changes associated with RAI 591 Supplement 1 response to Question 19-370
374	19	19.2.9	RAI	Changes associated with RAI 591 response to Question 19-370
375	19	19.2.9	Design Change	Changes associated with Spent Fuel Cask Transfer Facility Design Criteria for AIA
376	19	19.2.9	Editorial	Changes associated with editorial corrections to ANP-10296 Revision Level / Date
377	General	General	Editorial	Changes associated with corrections to AREVA Inc. name throughout, by removing 'NP' if not associated with an approved historical document

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