

May 29, 2009 NRC:09:064

Document Control Desk U.S. Nuclear Regulatory Commission Washington, D.C. 20555-0001

Submittal of Revision 1 of the U.S. EPR Final Safety Analysis Report for Design Certification

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.

AREVA NP Inc. (AREVA NP) hereby submits Revision 1 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. Revision 1 of the U.S. EPR FSAR includes changes associated with responses to NRC Requests for Additional Information (RAIs) submitted through late April, although the timing for inclusion of RAI-associated changes varies somewhat by chapter and RAI response submittal date.

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."

A list of changes to the U.S. EPR FSAR is also enclosed separately. The list of changes identifies the location of changes by FSAR section and provides a brief description of the nature of each change. 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.

In addition to the changes associated with RAI responses, Revision 1 of the U.S. EPR FSAR includes editorial changes such as typographical changes and changes for internal consistency. These changes are minor and are not expected to impact the technical assessments performed to date by the NRC reviewers.

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

AREVA NP INC.
An AREVA and Slemens company

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If you have any questions related to this submittal, please contact me at 434-832-2369 or by e-mail at sandra.sloan@areva.com

Sincerely,

Sandra M. Sloan, Manager New Plants Regulatory Affairs

AREVA NP Inc.

Enclosures

CC:

G. Tesfaye

Docket No. 52-020

ltem	Chapter	Subsection	Type of Change
1	1	1.1	Correction - minor / Eliminate last sentence regarding corrective action in As-built
	٠,		Deviation definition.
2	1	1.1	Correction - minor / Add the word "train" to Tier 1 definition of "Division (for
			mechanical systems or components)"
3	.1	1.2	Editorial / Clarification of valve position indications on figures - following sentence
			added: "Valve position indications shown on these figures do not represent a
			specific operational state."
4	1	1.2	Editorial / Clarification of continuation labels on figures - paragraph added based on
	<i>v</i>		NRC questions during draft RAI phone call and subsequent conference call on
	*		06/09/2008
5	1 .	1.2	RAI / Changes associated with RAI Batch #105, Response to Question 11.03-1
6	1	1.3	Editorial / Update Acronym List - Tier 1
7	1		Editorial / Update of acronym list
8	1	1.3 1.3	Editorial / Update of acronym list - Add Accident Monitoring Instrumentation (AMI) and
٥	1	1.3	Post-Accident Monitoring (PAM)
9	1	1.3	Editorial / Update of acronym list (Change ESF from "Emergency" to "Engineered"
١		1.0	safety features to match Tier 2)
10	1	1.3	Editorial / Figure update (symbol legend)
	'	Figure 1.03-01	
11	1	1.3	RAI / Changes associated with RAI Batch #12 - revise symbol legend to include gate
٠. ا	'	Figure 1.03-01	valves - RAI Response 06.02.04-07 (Part 6)
12	. 1	1.3	RAI / Changes associated with RAI Batch #135, Supp 1, Response to Question
<i>'-</i>		, 1.0	09.04.05-1.13
13	2	2.1	RAI / Changes associated with RAI Batch #132, Supp 1, Response to Question
	-		14.03.02-11
14	2	2.1.1	Editorial / Define correct acronyms to match Table 1.3-1 (MFWSVS and MSVS) and
17,	-	Fig. 2.1.1-1	in Figure 2.1.1-1
15	2	2.1.1	RAI / Changes associated with RAI Batch #20 - include separation of FB from other
.	- 1	2.1.1	NI structures in commitment wording and update ITAAC table - RAI Response
		e	09.05.01-31
16	2	2.1	RAI / Changes associated with RAI Batch #43, Supp 2, Response to Question
	-		14.03.08-1
17	2	2.1	RAI / Changes associated with RAI Batch #109, Supp 1, Response to Questions
	-	- 	03.05.01.01-1 and 03.05.01.02-1
18	2	2.1.1	Correction - minor / Add missing ITAAC that was inadvertently omitted in Rev. 0 for
			Section 2.1.1, Item #4.1
19	2	2.1	RAI / Changes associated with RAI Batch #80, Response to Questions 03.06.01-2,
	_		03.06.01-9 and 03.06.01-10
20	2	2.1 _b	RAI / Changes associated with RAI Batch #81, Supp 1 Response to Question
	,	· [[] .]	06.01.01-11
21	2	2.1	RAI / Changes associated with RAI Batch #140, Supp 1, Response to Question
_	- ·		14.03-4
22	2	2.1	RAI / Changes associated with RAI Batch #115, Supp 1 Response to Questions
			14.03.02-1 thru 8
23	2	2.1	RAI / Changes associated with RAI Batch #118, Supp 1 Response to Question
			03.04.01-7
24	2	2.1	RAI / Changes associated with RAI Batch #20, Supp 2 Response to Question
		. —	09.05.01-8
25	2	2.1.1	Editorial / Figure clarification
		Figure 2.1.1-1	
26	2	2.1.1	Correction - moderate / Update figures based on change in T2 Section 2.4 in
	_	Figures 2.1.1-7	Supplement #2 letter on 2/20/08 to change definition of finished yard grade to 1 foot
I.	,	thru 2.2.1-10	below ground floor top of concrete.
		unu 2.2.1-10	
27	- 2	215	[Editorial / Clarify and ensure consistency with use of acconomic for ESMP and
27	2	2.1.5	Editorial / Clarify and ensure consistency with use of acronyms for ESWB and
27	2	2.1.5	Editorial / Clarify and ensure consistency with use of acronyms for ESWB and associated structures for cooling tower and pumps RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions

Item	Chapter	Subsection	Type of Change	
29	2	2.2.1	Editorial / Change definition for PACS acronym - Priority and Actuator Control System	
30	2	2.2.1	Editorial / Under PACS column, add 'Yes' to blank entries	
31	2	2.2.1 Figure 2.2.1-1 (Sheet 1 of 6)	Editorial / Figure correction of continuation labels - should specify continuation on sh2 rather than sh3	
32	2	2.2.1 Figure 2.2.1-1 (Sheet 2 of 6)	Editorial / Figure clarification	
33	2	2.2	RAI / Changes associated with RAI Batch #151, Supp 1, Response to Question 09.05.01-60	
34	2	2.2	RAI / Changes associated with RAI Batch #124, Supp 1, Response to Question 14.03.04-1	
35	2	2.2	RAI / Changes associated with RAI Batch #149, Response to Questions 03.09.05-1, 03.09.05-2, 03.09.05-3 and 03.09.05-4	
36	2	2.2	RAI / Changes associated with RAI Batch #128, Response to Questions 14.03.03-12, 14.03.03-13, 14.03.03-18, 14.03.04-3, 14.03.04-7, 14.03.06-28, 14.03-07-3	
37	2	2.2	RAI / Changes associated with RAI Batch #148, Response to Question 14.03.03-23	
38	2	2.2	RAI / Changes associated with RAI Batch #116, Response to Question 14.03.06-11	
39	2	2.2	RAI / Changes associated with RAI Batch #123, Response to Questions 14.03.03-4, 14.03.03-7, 14.03.03-8, 14.03.03-9	
40	2	2.2	RAI / Changes associated with RAI Batch #123, Supp 1 ,Response to Question 14.03.03-1	
41	2	2.2	RAI / Changes associated with RAI Batch #156, Response to Question 14.03.03-26	
42	2	2.2.2	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28	
43	2	2.2	RAI / Changes associated with RAI Batch #140, Response to Questions 14.03-8, 14.03-9	
44	2	2.2	RAI / Changes associated with RAI Batch #104, Supp 1, Response to Questions 14.03-1b, 14.03.11-1, 1c	
45	2	2.2.3	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28	
46	2	2.2	RAI / Changes associated with RAI Batch #128, Supp 2, Response to Question 14.03.03-11	
47	2	2.2	RAI / Changes associated with RAI Batch #128, Supp 1, Response to Questions 14.03.03-14, 14.03.03-15, 14.03.03-16, 14.03.03-17	
48	2	2.2.4	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28	
49	2	2.2	RAI / Changes associated with RAI Batch #83, Supp 1 Response to Question 10.04.09-1	
50	2	2.2	RAI / Changes associated with RAI Batch #83, Supp 4 Response to Question 10.04.09-5	
51	2	2.2.2	Editorial / Change definition for PACS acronym - Priority and Actuator Control System	
52	2	2.2.3	Editorial / Change definition for PACS acronym - Priority and Actuator Control System	
53	2	2.2.4	Editorial / Change definition for PACS acronym - Priority and Actuator Control System	
54	2	2.2.5	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28	
55	2	2.2.5	Editorial / Change definition for PACS acronym - Priority and Actuator Control System	
56	2	2.2.6	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28	

Item	Chapter	Subsection	Type of Change
57	2	2.2.6	Editorial / Change definition for PACS acronym - Priority and Actuator Control
			System
58	2	2.2.6	Correction - minor / Wording for ITAAC - change from "analysis" to "test"
59	2	2.2.7	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions
	· /, · ·	1.5	14.03.03-27 and 14.03.03-28
60	2	2.2.7	Editorial / Change definition for PACS acronym - Priority and Actuator Control
		<u> </u>	System
61	2	2.2.8	Correction - minor / Clarify commitment wording for Fuel Handling System for
			equipment designated as Seismic Category II to state that they can maintain their
	•	4	structural integrity (delete "under loads") during a design basis seismic event
		000	DATE OF THE PARTY
62	2	2.2.8	RAI / Changes associated with RAI Batch #201, Response to Question 03.02.01-10
63	2	2.3	RAI / Changes associated with RAI Batch #69, Supp 1, Response to Question
03		2.5	06.02.05-5
64	2	2.3	RAI / Changes associated with RAI Batch #69, Response to Question 06.02.05-06
~	-	2.0	The first discondition with the second way the second of t
65	2	2.3	RAI / Changes associated with RAI Batch #128, Response to Questions 14.03.04-2,
			14.03.04-3, 14.03.04-4, 14.03.07-3
66	2	2.3	RAI / Changes associated with RAI Batch #148, Response to Question 14.03.03-23
	z		
67	2	2.3	RAI / Changes associated with RAI Batch #149, Response to Question 03.09.05-1
68	2	2.3.3	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions
			14.03.03-27 and 14.03.03-28
69	2	2.3	RAI / Changes associated with RAI Batch #156, Response to Question 14.03.03-26
		r	
70	2	2.3.3	Editorial / Change definition for PACS acronym - Priority and Actuator Control
			System CAUDO 5
71	2	2.3.3	RAI / Changes associated with RAI Batch #12 - revise SAHRS figure - RAI Response 06.02.04-07 (Parts 7 and 8)
72	2	Figure 2.3.3-1 2.3	RAI / Changes associated with RAI Batch #104, Supp 1, Response to Question
12	-	. 2.0	14.03.11-1, 1c
73	2	2.4	RAI / Changes associated with RAI Batch #128 Response to Questions 14.03.03-18
.	_		14.03.06-27, 14.03.06-29
74	2	2.4	RAI / Changes associated with RAI Batch #123, Supp 2, Response to Questions
*			14.03.05-9, 14.03.05-10, 14.03.05-11, 14.03.05-12, 14.03.05-14, 14.03.05-15,
	·		14.03.05-16, 14.03.05-17, 14.03.05-24
75	2	2.4	Correction - moderate / Address inconsistency between Tier 1, Section 2.4.1 and
			Tier 2 Section 7.1 on the topic of Remote Shutdown System (RSS) protective system
			manual controls - delete reference to existence of RSS controls to allow manual
·		•	actuation of the manually actuated functions identified in Table 2.4.1-5 - see also
	.		WebCAP 2008-4007
			DAL/OL-
76	2	2.4	RAI / Changes associated with RAI Batch #60 Response to Question 07.03-3
77	2	2.4	RAI / Changes associated with RAI Batch #60 Response to Question 07.03-5
78	2	2.4	RAI / Changes associated with RAI Batch #116, Response to Question 14.03.06-5
79	2	2.4	RAI / Changes associated with RAI Batch #128, Supp 1, Response to Question
' "		4.7	14.03.6-18
80	2	2.4	RAI / Changes associated with RAI Batch #78 Response to Question 14.03.05-6
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81	2	2.4	RAI / Changes associated with RAI Batch #123 Response to Questions 14.03.05-19
- 1	_	 •	14.03.05-20, 14.03.05-21, 14.03.05-22, 14.03-05-23
82	2	2.4	RAI / Changes associated with RAI Batch #59 Response to Question 07.01-2
83	2	2.4.2	RAI / Changes associated with RAI Batch #20 - include commitment wording that
-		•	"electrical isolation is provided between the RSS and the MCR for the SICS" and
ł	1	*	update ITAAC table - RAI Response 09.05.01-26

Item	Chapter	Subsection	Type of Change	
84	2	2.4.6	RAI / Changes associated with RAI Batch #20 - include commitment wording that "	
	.2	*	the as-built plant fire alarm system is consistent with the post-fire safe shutdown	
			analyses" and update ITAAC table - RAI Response 09.05.01-27	
85	2	2.4.10	RAI / Changes associated with RAI Batch #20 - include commitment wording that	
- 1			"electrical isolation is provided between the RSS and the MCR for the PICS" and	
			update ITAAC table - RAI Response 09.05.01-26	
86	2	2.4	Editorial	
87	2	2.4	RAI / Changes associated with RAI Batch #115, Response to Question 14.03.05-7	
UI .		27	17/17 Offatiges associated with 17/11 Datch #110, Nesponse to Question 14.05.05-7	
88	. 2	2.4	RAI / Changes associated with RAI Batch #104, Supp 1, Response to Question	
			14.031b	
89	2	2.4	RAI / Changes associated with RAI Batch #43, Supp 1, Response to Question 14.03.08-1 (1a and 1e)	
90	2	2.4	RAI / Changes associated with RAI Batch #43, Supp 1, Response to Question	
,			14.03.08-1 (1a)	
91	2	2.5	RAI / Changes associated with RAI Batch #128, Supp 1, Response to Question	
			10.03.06-18	
92	2	2.5	RAI / Changes associated with RAI Batch #118, Supp 1, Response to Question	
ν	-		03.04.01-7	
93	2	2.5	RAI / Changes associated with RAI Batch #116, Response to Questions 14.03.06-3	
		2.0	14.03.06-5, 14.03.06-6, 14.03.06-7, 14.03.06-8, 14.03.06-9, 14.03.06-10,	
		•	14.03.06-11	
. 4			14.00.00-11	
94	2	2.5	RAI / Changes associated with RAI Batch #138, Response to Questions	
94	. 2	2.5		
	* 5		14.03.06-16, 14.03.06-20, 14.03.06-21, 14.03.06-22, 14.03.06-24, 14.03.06-26,	
			14.03.06-27	
95	2	2.5	RAI / Changes associated with RAI Batch #148, Response to Question 14.03.03-23	
96	2	2.5	RAI / Changes associated with RAI Batch #70, Supp 1, Response to Question	
		, —	08.03.01-17	
97	2	2.5	RAI / Changes associated with RAI Batch #145, Response to Question 09.05.08-8	
٠, ا			The transfer accordated with twit batch #140, Tresponde to added to 100.00.00-0	
98'	2	2.5	RAI / Changes associated with RAI Batch #87, Supp 2, Response to Question	
30		2.0	109.05.07-5	
99 -	2	2.5.4	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions	
99		2.5.4		
400			14.03.03-27 and 14.03.03-28	
100	2	2.5	RAI / Changes associated with RAI Batch #156, Response to Question 14.03.03-26	
101	2	2.5	RAI / Changes associated with RAI Batch #110, Supp 1, Response to Question	
			16-237	
102	2	2.5.1	Editorial	
103	2	2.5.2	Editorial	
104	2	2.5.2	Editorial / Remove pointer to other ITAAC within ITAAC Table 2.5.2-3	
105	2	2.5.3	Editorial	
106	2	2.5.4	Editorial	
107	2	2.5.5	Editorial	
108	2	2.5.6	Editorial	
109	2	2.5.7	Editorial	
110	2	2.5.8	Editorial	
	2			
111		2.5.8 Table 2.5.8-1	Editorial / Change Column Title in ITAAC table to Commitment Wording	
110	2	 	RAI / Changes to FSAR as specified in RAI Batch 19 - Response #9.5.3-11,	
112		2.5.9		
440		050 0545	9.5.3-13, 9.5.3-14 & 9.5.3-15	
113	2	2.5.9 - 2.5.10	Editorial	
114	2	2.5.11	Editorial	
115	2	2.5	RAI / Changes associated with RAI Batch #131, Supp 2, Response to Question	
		•	09.05.06-7	

116	3	0.5	
.		2.5	RAI / Changes associated with RAI Batch #152, Supp 1, Response to Question 09.05.04-15
117	3	2.5	RAI / Changes associated with RAI Batch #159, Supp 1, Response to Question 09.05.05-6
118	2	2.6	RAI / Changes associated with RAI Batch #135, Supp 1, Response to Questions 09.04-05-1.1, 09.04.05-1.4, 09.04.05-1.5, 09.04.05-1.13
119	2	2.6	RAI / Changes associated with RAI Batch #148, Response to Question 14.03.03-23
120	2	2.6	RAI / Changes associated with RAI Batch #128, Response to Questions 14.03.04-3, 14.03.07-2, 14.03.07-3, 14.03.07-4, 14.03.07-5, 14.03.07-6, 14.03.07-9, 14.03.07-15 14.03.07-16
121	2	2.6	RAI / Changes associated with RAI Batch #11, Supp 2, Response to Question 08.03.01-2
122	2	2.6	RAI / Changes associated with RAI Batch #128, Supp 1, Response to Questions 14.03.07-8, 14.03.07-10, 14.03.07-11, 14.03.07-12, 14.03.07-13, 14.03.07-14, 14.03.07-17
123	2	2.6	RAI / Changes associated with RAI Batch #156, Response to Question 14.03.03-26
124	2	2.6	RAI / Changes associated with RAI Batch #104, Supp 1 Response to Question 14.031b
125	2	2.6.1, 2.6.6, 2.6.7, 2.6.8, 2.6.9	Correction - minor / Update IEEE Class 1E source for selected components in Tables 2.6.1-2, 2.6.6-2, 2.6.7-2, 2.6.8-3, and 2.6.9-2; add commitment wording (PACS modules and alternate feed) for KLA (Section 2.6.8)
126	2	2.7	RAI / Changes associated with RAI Batch #128, Response to Questions 14.03.03-12, 14.03.03-18, 14.03.04-3, 14.03-07-3, 14.03.07-18, 14.03.07-22, 14.03.07-23, 14.03.07-24
127	2	2.7	RAI / Changes associated with RAI Batch #128, Supp 1, Response to Questions 14.03.07-20, 14.03.07-21, 14.03.07-25
128	2	2.7	RAI / Changes associated with RAI Batch #148, Response to Questions 14.03.03-19, 14.03.03-21, 14.03.03-22, 14.03.03-23 and 14.03.03-24
129	2	2.7.1	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28
130	2	2.7	RAI / Changes associated with RAI Batch #156, Response to Question 14.03.03-26
131	2	2.7	RAI / Changes associated with RAI Batch #174, Supp 2, Response to Questions 09.02.02-18, 09.02.02-21, 09.02.02-30, 09.02.02-34
132	2	2.7	RAI / Changes associated with RAI Batch #149, Response to Question 03.09.05-1
133	2	2.7	RAI / Changes associated with RAI Batch #174, Response to Questions 09.02.02-10(b), 09.02.02-10(c) and 09.02.02-33
134	2	2.7	RAI / Changes associated with RAI Batch #104, Supp 1, Response to Question 14.03-1b
135	2	2.7.1	Editorial / Change definition for PACS acronym - Priority and Actuator Control System
136	2	2.7.2	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28
137	2	2.7.2	Editorial / Change definition for PACS acronym - Priority and Actuator Control System
138	2	2.7.5	Editorial / Change definition for PACS acronym - Priority and Actuator Control System
139	2	2.7.5	RAI / Changes associated with RAI Batch #20 - Add commitment wording (Item 4.4)
			to state that "the as-built fire water distribution system is consistent with the post-fire safe shutdown analysis"; also revise/clarify commitment wording for 7.7 for standby and hose systems functionality following an SSE, and update ITAAC table - RAI
	,	•	Responses 09.05.01-25 and 09.05.01-27

	Chapter	Subsection	Type of Change
141	2	2.7.6	RAI / Changes associated with RAI Batch #20 - include commitment wording that " the as-built gaseous fire extinguishing system is consistent with the post-fire safe shutdown analyses" and update ITAAC table - RAI Response 09.05.01-27
142	2	2.7.11	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28
143	2	2.7.11	Editorial / Change definition for PACS acronym - Priority and Actuator Control System
144	2	2.7.11	RAI / Changes associated with RAI Batch #119, Supp 2, Response to Questions 09.02.01-1, 09.02.01-4 (Part i), 09.02.01-8, 09.02.01-17, 09.02.01-21, 09.02.01-22, & 09.02.01-23
145	2	2.8	RAI / Changes associated with RAI Batch #100, Response to Questions 10.02.03-10, 10.02.03-11
146	2	2.8	RAI / Changes associated with RAI Batch #149, Response to Question 03.09.05-1
147	2	2.8	RAI / Changes associated with RAI Batch #128, Response to Questions 14.03.03-18, 14.03.04-3, 14.03-07-3
148	2	2.8	RAI / Changes associated with RAI Batch #148, Response to Questions 14.03.03-23, 14.03.07-26, 14.03.07-27, 14.03.07-28, 14.03.07-29, 14.03.07-30, 14.03.07-32
149	2	2.8.2	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28
150	2	2.8	RAI / Changes associated with RAI Batch #106, Response to Question 10.3-1 (Part III)
151	2	2.8	RAI / Changes associated with RAI Batch #156, Response to Question 14.03.03-26
152	2	2.8	RAI / Changes associated with RAI Batch #78 Response to Question 14.03.05-6
153	2	2.8.2	Editorial / Change definition for PACS acronym - Priority and Actuator Control System
154	2	2.8.2	Editorial / Delete duplicate ITAAC entries (SG steam outlet flow restrictor throat area of 1.39 sq ft.) - covered in 2.2.1 (#3.5).
155	2	2.8.6	Editorial / Change figure references in 3.5 and 3.8 to match correct ITAAC table entries - should be Figure 2.8.6-1 rather than Figure 2.2.4-1.
156	2	2.8.6	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28
157	2	2.8.6	Editorial / Change definition for PACS acronym - Priority and Actuator Control System
158	2	2.8.7	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28
159	2	2.8.7	Editorial / Change definition for PACS acronym - Priority and Actuator Control System
160	2	2.8.7 Figure 2.8.7-1	Editorial Correction - In Figure 2.8.7-1, change the design area flags from alphanumeric to numeric to match the design area table given in the figure per WebCAP 2008-6141-CR.
161	2	2.9	RAI / Changes associated with RAI Batch #43, Supp 1, Response to Question 14.03.08-1 (1a and 1e)
162	2	2.9	RAI / Changes associated with RAI Batch #128, Response to Question 14.03.04-3
163	2	2.9	RAI / Changes associated with RAI Batch #104, Supp 1, Response to Question 14.03-1b
164	2	2.9	RAI / Changes associated with RAI Batch #43, Supp 1, Response to Question 14.03.08-1 (1a)
165	2	2.10.1	Editorial / Clarify wording in cranes ITAAC table [Table 2.10.1-2] for acceptance criteria for consistency with other ITAAC (delete wording "A report exists and concludes")
166	2	2.6.7	Editorial / Figure clarification

Item	Chapter	Subsection	Type of Change
167	2	2.6.7	Editorial / Figure clarification
		Figure 2.6.7-3	
168	2	2.6.8 Figure 2.6.8-1	Editorial / Figure clarification
169	2	2.7.11	Correction - minor / Delete unnecessary non-safety Tier 1 commitment wording and ITAAC for ESWS (Section 2.7.11); add addt'l equipment to ESWS Table 2.7.11-2;
170	2	2.8.2	delete duplicate ITAAC entry in Table 2.7.11-3 Editorial / Delete duplicate ITAAC entries for Main Steam System (SG steam outlet
170	2	2.0.2	flow restrictor throat area size) and its associated ITAAC entry because it's already covered by ITAAC for the RCS in Section 2.2.1 (#3.5).
171	2	2.8.2	Editorial / Figure clarification
		Figure 2.8.2-1 (Sheet 1 of 2)	
172	2 .	2.8.6	Editorial - correct figure number for Items 3.5 - 3.8 to match correct figure number in ITAAC Table 2.8.6-3.
173	2	2.8.6 Figure 2.8.6-1	Editorial / Figure clarification
174	2	2.8.7 Figure 2.8.7-1	Editorial / Figure clarification
175	2	2.10	RAI / Changes associated with RAI Batch #173, Response to Question 09.01.05-19
176	3	3.1	Editorial
177	3	3.1	RAI / Changes associated with RAI Batch #42, Suppl 1, Response to Question 14.03.12-6
178	3	3.2	RAI / Changes to FSAR as specified in RAI Batch 21 - Response #17.04-14 & 17.04-15
179	3	3.3	Editorial
180	3	3.3	RAI / Changes associated with RAI Batch #104, Supp 1, Response to Question 14.03-1b
181	3	3.3	RAI / Changes associated with RAI Batch #123, Supp 1, Response to Questions 14.03-4, 14.3-5, 14.03-6
182	3	3.4	RAI / Changes associated with RAI Batch #115, Supp 2, Response to Question 14.03.09-5, 14.03.09-6, 14.03-09-7, 14.03.09-8, 14.03.09-9, 14.03.09-10, 14.03.09-11, 14.03.09-12, 14.03.09-13
183	3	3.5	Editorial
184	3	3.5	RAI / Changes associated with RAI Batch #149, Response to Question 03.09.05-1
185	. 3	3.5	RAI / Changes associated with RAI Batch #148, Response to Question 14.03.03-23
186	3	3.5	RAI / Changes associated with RAI Batch #116, Response to Question 14.03.06-2
187	3	3.5	RAI / Changes associated with RAI Batch #128, Response to Questions 14.03.04-3, 14.03.07-3
188	3	3.5	RAI / Changes associated with RAI Batch #156, Supp 1, Response to Questions 14.03.03-27 and 14.03.03-28
189	3	3.5	Editorial / Delete duplicate ITAAC entries (containment leakage rate) - covered in 3.3 (#1.0).
190	3	3.5 Figure 3.5-1	RAI / Changes associated with RAI Batch #12 - RAI Responses 06.02.04-07 (Parts 1, 3, 4, 5)
191	2	3.5	RAI / Changes associated with RAI Batch #156, Response to Question 14.03.03-26
192	3	3.6	RAI / Changes associated with RAI Batch #128, Supp 1, Response to Question 14.03.6-18
193	3	3.7	RAI / Changes associated with RAI Batch #61, Supp 3, Response to Question 07.05-3
194	2	3.11	RAI / Changes associated with RAI Batch #104, Supp 1, Response to Question 14.03-1b

Item	Chapter	Subsection	Type of Change
195	2	4 - TOC and 4.5	RAI / Changes associated with RAI Batch #131, Response to Question 09.01.04-12
196	4	4	Correction - minor / Correct cross-reference for regulations governing ITAAC for the site-specific portion of the facility design - change 10 CFR 52.79(c) to 10 CFR 52.80(a)
197	4	4.6	Editorial / Delete inappropriate level of detail — delete reference to specific revisions of ANSI codes, etcsince this level of detail belongs in Tier 2 only
198	4	4.6 & 4.7	RAI / Changes associated with RAI Batch #119, Supp 2, Response to Question 09.02.01-23
199	4	4.10	Editorial / Correct cross-reference
200	4	4.9 - 4.12	Correction - moderate / Delete Interface Requirement in Section 4.9 and renumber following sections [The Lightning Protection and Ground System interface requirement formerly in 4.9 has been deleted because the Section 2.5.8 ITAAC provides enough detail that an interface requirement is not necessary].
201	5	5 Table 5.0-1	RAI / Changes to FSAR as specified in RAI Batch 10 - Response #2.03.01-2 - clarify maximum wind speed parameter to state "Maximum Speed (Other Than Tornado)"; For precipitation - delete parenthetical "(for roof design)" for Rainfall rate and Snow & Ice Load
202	5	5 Table 5.0-1	RAI / Changes to FSAR as specified in RAI Batch 13 - Response #2.04-01 - For precipitation - delete parenthetical "(for roof design)" for Rainfall rate and Snow & Ice Load
203	5	5 Figure 5.0-1, Table 5.0-1	RAI / Changes to FSAR as specified in RAI Batch 35 - Response# 02.05.02-4 - Add seismology design response spectra figure (Figure 5.0-1) and reference in Tier 1, Table 5.0-1
204	5	5	RAI / Changes associated with RAI Batch #35, Supp 1, Response to Question 02.05.04-2
205	5	5	RAI / Changes associated with RAI Batch #86, Supp 1, Response to Question 09.01.02-21
206	5	5	RAI / Changes associated with RAI Batch #93, Supp 1, Response to Question 02.03.01-12

item	Chapter	Subsection	Type of Change
1	Generic	Generic	Editorial / Generic FSAR Cleanup Issues
2	1	1.1	Editorial / Add trademark designation for U.S. EPR and note that the symbol is not
	-		used elsewhere in the document but it applies throughout.
· 3	1.	1.1	Editorial / Update Table of Acronyms
		Table 1.1-1	
4	1	1.1	Editorial / Update Acronym list for Tier 2
		Table 1.1-1	
5	1	1.1	Editorial / Update Acronym list for Tier 2
6	1	1.1	Editorial - Update Table of Acronyms from Section 4.2
_		Table 1.1-1	
7	1	1.1	Editorial / Additional update to Acronym table (Add COLR, CT, HAZ, and RCA)
		Table 1.1-1	
8	1	1.1	Editorial / Update Table of Acronyms to clarify and add acronyms for Essential
		Table 1.1-1	Service Water Building and associated structures, plus add Flow Induced Vibration
			(FIV)
9	1	1.1	Editorial / Update Table of Acronyms
	•	Table 1.1-1	Tallottain operate rabio of resolution
10	1	11	Editorial / Update Table of Acronyms (Add BAST, CDM, delete SBOVS, add SGBVS
	•	Table 1.1-1	and correct SDD)
11	1	11	Editorial / Update Acronym list - Correct Post-Accident Monitoring (PAM) for
	•.	Table 1.1-1	consistency
12	1	1.2	Editorial - Change Figure References for Turbine Building to delete Figure 1.2-49
۱۲	•	1.2	since it has been deleted.
13	1	1.2	Correction - minor / Revise/clarify wording and revise cross-reference for further
'3	'	1.2	description of NAB and RWPB
14	1	1.2	RAI / Changes associated with RAI Batch #64, Response to Question 05.03.01-2
14	,	1.2	RAI7 Changes associated with RAI battiff #04, Response to Question 05.05.01-2
15	1	1.2	DAL/Changes associated with DAL Datab #04 Cumpl 2 Despares to Ougations
15	1.	1.2	RAI / Changes associated with RAI Batch #91, Suppl 3, Response to Questions
			91-S3, 100-S2, 106-S1
16	1	_ 1.2	RAI / Changes associated with RAI Batch #100, Suppl 2, Response to Questions
			91-S3, 100-S2, 106-S1
17	1	1.2	RAI / Changes associated with RAI Batch #106, Suppl 1, Response to Questions
1			91-S3, 100-S2, 106-S1
18	1	1.2	Editorial / Correct/revise cross-references
19	1	1.2	Editorial / Figure titles correction - Place (-) Sign Before elevation numerical value
		Figures 1.2-18	,
	. :	thru 1.2-20	
20	1	1.3	Editorial / Correct/revise cross-references
_		Table 1.3-1	Lational / Correction of Cost Foldren Cost
21	1	1.3	Correction - minor / Delete new fuel storage racks center-to-center spacing since it is
-	·	Table 1.3-1	listed separately in Chapter 16 - Section 4.3.1
		10010 1.0 1	increa coparatory in chapter to cooler non
22 I	7 1	16	Editorial / Undate dates ANP revision levels
22	1	1.6 Table 1.6-1	Editorial / Update dates, ANP revision levels
		Table 1.6-1	
22	1	Table 1.6-1 1.6	Editorial / Update dates, ANP revision levels Editorial / Update table of reports referenced (misc notes, titles, and dates)
23	1.	Table 1.6-1 1.6 Table 1.6-1	Editorial / Update table of reports referenced (misc notes, titles, and dates)
		Table 1.6-1 1.6 Table 1.6-1 1.6	Editorial / Update table of reports referenced (misc notes, titles, and dates) Editorial / Update Title for ANP-10283P and ANP-10283NP to add words "Technical
23	1	Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1	Editorial / Update table of reports referenced (misc notes, titles, and dates) Editorial / Update Title for ANP-10283P and ANP-10283NP to add words "Technical Report" as denoted on report title page
23	1.	Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1 1.6	Editorial / Update table of reports referenced (misc notes, titles, and dates) Editorial / Update Title for ANP-10283P and ANP-10283NP to add words "Technical
23 24 25	1	Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1	Editorial / Update table of reports referenced (misc notes, titles, and dates) Editorial / Update Title for ANP-10283P and ANP-10283NP to add words "Technical Report" as denoted on report title page RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5
23 24	1	Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1	Editorial / Update table of reports referenced (misc notes, titles, and dates) Editorial / Update Title for ANP-10283P and ANP-10283NP to add words "Technical Report" as denoted on report title page RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5 RAI / Changes associated with RAI Batch #64, Supplement 2, Response to Question
23 24 25 26	1 1 1	Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1	Editorial / Update table of reports referenced (misc notes, titles, and dates) Editorial / Update Title for ANP-10283P and ANP-10283NP to add words "Technical Report" as denoted on report title page RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5 RAI / Changes associated with RAI Batch #64, Supplement 2, Response to Question 05.03.02-5
23 24 25	1	Table 1.6-1 1.6 Table 1.6-1	Editorial / Update table of reports referenced (misc notes, titles, and dates) Editorial / Update Title for ANP-10283P and ANP-10283NP to add words "Technical Report" as denoted on report title page RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5 RAI / Changes associated with RAI Batch #64, Supplement 2, Response to Question 05.03.02-5 Correction - minor /Add new report to list [ANP-10293, "U.S. EPR Design Features to
23 24 25 26	1 1 1	Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1 1.6 Table 1.6-1	Editorial / Update table of reports referenced (misc notes, titles, and dates) Editorial / Update Title for ANP-10283P and ANP-10283NP to add words "Technical Report" as denoted on report title page RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5 RAI / Changes associated with RAI Batch #64, Supplement 2, Response to Question 05.03.02-5 Correction - minor /Add new report to list [ANP-10293, "U.S. EPR Design Features to Address GSI-191 Technical Report" that was issued in February 2008 and included
23 24 25 26 27	1 1 1	Table 1.6-1 1.6 Table 1.6-1	Editorial / Update table of reports referenced (misc notes, titles, and dates) Editorial / Update Title for ANP-10283P and ANP-10283NP to add words "Technical Report" as denoted on report title page RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5 RAI / Changes associated with RAI Batch #64, Supplement 2, Response to Question 05.03.02-5 Correction - minor /Add new report to list [ANP-10293, "U.S. EPR Design Features to Address GSI-191 Technical Report" that was issued in February 2008 and included in Supplement #1 letter sent to the NRC on 2/07/08]
23 24 25 26	1 1 1	Table 1.6-1 1.6 Table 1.6-1	Editorial / Update table of reports referenced (misc notes, titles, and dates) Editorial / Update Title for ANP-10283P and ANP-10283NP to add words "Technical Report" as denoted on report title page RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5 RAI / Changes associated with RAI Batch #64, Supplement 2, Response to Question 05.03.02-5 Correction - minor /Add new report to list [ANP-10293, "U.S. EPR Design Features to Address GSI-191 Technical Report" that was issued in February 2008 and included in Supplement #1 letter sent to the NRC on 2/07/08] Correction - minor /Add new report to list [ANP-10294, "U.S. EPR Reactor Coolant
23 24 25 26 27	1 1 1	Table 1.6-1 1.6 Table 1.6-1	Editorial / Update table of reports referenced (misc notes, titles, and dates) Editorial / Update Title for ANP-10283P and ANP-10283NP to add words "Technical Report" as denoted on report title page RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5 RAI / Changes associated with RAI Batch #64, Supplement 2, Response to Question 05.03.02-5 Correction - minor /Add new report to list [ANP-10293, "U.S. EPR Design Features to Address GSI-191 Technical Report" that was issued in February 2008 and included in Supplement #1 letter sent to the NRC on 2/07/08]

	rence to ANP-10294, "U.S. EPR Reactor Coolant Pump Motor Flywheel
1 I TADIO 1,0-1 OLIUCIUI ALI	alysis Technical Report" to Rev. 1 based on AREVA Ltr NRC:-9:028
dated 3/31/09	9 which transmitted Rev. 1 of the report to the NRC
	minor /Add EMF-2341(P), "Generic Strategy for Periodic Surveillance
	LEPERM XS Systems in U.S. Nuclear Generating Stations" to list of
reports refere	enced in Table 1.6-1 (used in Section 7.1) and add footnotes
31 1 1.7 RAI / Change	es associated with RAI Batch #135, Suppl 1, Response to Question
09.04.05-1.13	
	rification of valve position indications on figures - following sentence
	re position indications shown on these figures do not represent a
	ational state."
	rification of continuation labels on figures - paragraph added based on
	ns during draft RAI phone call and subsequent conference call on
06/09/2008	
	es associated with RAI Batch #125, Response to Questions 09.03-04-1,
35 1 1.7 Editorial / Fig	was also area (Change aludes water line time, and delete angle lift shock
35	ure cleanup (Change sludge water line type, and delete angle lift check
36 1 1.8 Editorial / Cha	ange reference to the "Ultimate Heat sink (UHS) Structures" to
	ervice Water Buildings"
37 1 1.8 RAI / Change	es associated with RAI Batch #119, Suppl 2, Response to Question
Table 1.8-1 09.02.01-23	**************************************
	minor /COL Item Corrections (mostly cross-references); revise wording
	9.2-1; add COL Item 10.2-5.
39 1 1.8 RAI / Change	es associated with RAI Batch #89, Response to Question 06.04-4
40 1 1.8 RAI / Change	es associated with RAI Batch #107, Response to Question 03.06.02-5
	es associated with RAI Batch #99, Response to Question 03.13-4
Table 1.8-2	
	es associated with RAI Batch #88, Suppl 1, Response to Question
Table 1.8-2 05.03.02-6	
	es associated with RAI Batch #11, Suppl 1, Response to Question
Table 1.8-2 08.03.01-6 44 1 1.8 RAI / Change	es associated with RAI Batch #37, Response to Question 02.03.04-5
Table 1.8-2	s associated with the batter #of, Response to Question 02:00:04-0
45 1 1.8 Editorial / Cor	rrect Table referenced in COL Item 2.3-1 - should be "Table 2.1-1"
Table 1.8-2 rather than "T	
	es to FSAR associated with RAI Batch #13 - in accordance with RAI
	2.04.04-01, 02.04.06-1, and 02.04.09-01
	es associated with RAI Batch #109, Suppl 1, Response to Question
Table 1.8-2 03.05.01.01-	1
	es associated with RAI Batch #118, Suppl 1, Response to Question
Table 1.8-2 03.04.01-7	
	ninor / restructure to clarify existing COL items in COL Item 3.5-1 - split
	ally included in 3.5-1 into 2 new COL items (3.5-8 and 3.5-9) and revise
	3.5-1 to match exactly with the text of Section 3.5.1.1.3 and 3.5.1.2.3.
50 1 1.8 RAI / COL Ite	em revision to wording [#3.9-9] based on RAI response to Piping Topical
	nge "NRC approved benchmark program" to "U.S. EPR benchmark
program"	-9 September 2010
	noderate / Delete COLA Item in Section 3.10 related to seismic
	of equipment (based on NRC application review schedule letter dated
	subsequent NRC telecon) and re-number other COL items in 3.10
	es to FSAR associated with RAI Batch #41 - in accordance with RAI
Table 1.8-2 Response 05	
	es associated with RAI Batch #61, Suppl 3, Response to Question
Table 1.8-2 07.05-3	

54 1 1.8 RAI / Changes to FSAR associated with RAI Batch #216 - in accordance with RAI Table 18-2 55 1 1.8 RAI / Changes to FSAR associated with RAI Batch #119, Supplement 3, Response to Question 09.02.01-24 56 1 1.8 RAI / Changes to FSAR associated with RAI Batch #20 - Add new Fire Protection System COL Items - in accordance with RAI Responses #99.05.01-02, 09.05.01-03, 09.05.0	Item	Chapter	Subsection	Type of Change
Table 1.8-2 Response 0.9.04-9 Table 1.8-2 Table 1.				
1			Table 1.8-2	
Table 1.8-2 Inc. Location 0.9.02.01-24	55	1		
1.8			Table 1.8-2	1 · · · · · · · · · · · · · · · · · · ·
Table 1.8-2 System COL Items - in accordance with RAI Responses #09.05.01-02, 09.05.01-03, 09.05	56	1		
0.9.05.01-09, 8.09.05.01-13 Table 1.8-2 RAI / Changes to FSAR associated with RAI Batch #18- in accordance with RAI Response 03.05.01.03-01 Table 1.8-2 Response 03.05.01.03-01 RAI / Changes to FSAR associated with RAI Batch #36- in accordance with RAI Table 1.8-2 Response 03.05.02-6 - Add COL Items for Liquid and Gaseous Radwaste Systems to compare typical site Cost-Benefit Analysis against specific COL applicant's site [associated with deletion of NEI Generic Cost Benefit Analysis - NEI 07-11 - which is no longer being reviewed by NRC] RAI / Changes associated with RAI Batch #152, Response to Question 09.05.04-16 Table 1.8-2 RAI / Changes associated with RAI Batch #152, Response to Question 09.05.04-16 Table 1.8-2 RAI / Changes associated with RAI Batch #33, Response to Question 09.05.04-16 Table 1.8-2 RAI / Changes associated with RAI Batch #162, Response to Question 09.05.04-16 Table 1.8-2 S1-33, 100-S2, 106-S1 RAI / Changes associated with RAI Batch #91, Suppl 3, Response to Questions 91-S3, 100-S2, 106-S1 RAI / Changes associated with RAI Batch #100, Suppl 2, Response to Questions 91-S3, 100-S2, 106-S1 RAI / Changes associated with RAI Batch #100, Suppl 2, Response to Questions 91-S3, 100-S2, 106-S1 RAI / Changes associated with RAI Batch #106, Suppl 1, Response to Questions 91-S3, 100-S2, 106-S1 RAI / Changes associated with RAI Batch #106, Suppl 1, Response to Question 12.05-1 RAI / Changes associated with RAI Batch #192, Response to Question 12.05-1 RAI / Changes associated with RAI Batch #193, Response to Question 12.05-1 Rable 1.8-2 RAI / Changes associated with RAI Batch #194, Response to Question 12.05-1 Rable 1.8-2 RAI / Changes associated with RAI Batch #194, Response to Question 12.05-1 Rable 1.8-2 RAI / Changes associated with RAI Batch #195, Response to Question 12.05-1 Rable 1.8-2 RAI / Changes associated with RAI Batch #194, Response to Question 12.05-2 Rable 1.8-2 RAI / Changes associated with RAI Batch #195, Suppl 1, Response			Table 1.8-2	
1.8				1 ·
Table 1.8-2 Response 03.05.01.03-01 1 1.8 RAI / Changes to FSAR associated with RAI Batch #36- in accordance with RAI Rabeton #3.05 Rabeton #	57	1	1.8	
1 1.8 Table 1.8-2 Response 0.9 0.5 0.9-6 - Add COL Item for offsite communication system 1 1.8 Table 1.8-2 Response 0.9 0.5 0.9-6 - Add COL Item for offsite communication system 2 Table 1.8-2 Correction - moderate / Add COL Item for Liquid and Gaseous Radwaste Systems to compare typical site Cost-Benefit Analysis against specific COL applicant's site gasociated with delation of NEI Generic Cost Benefit Analysis - NEI 07-11 - which is no longer being reviewed by NRC] 3 Table 1.8-2 Editorial / Add indication of whether Item 13.6-2 is for COL Applicant or COL Holder Table 1.8-2 RAI / Changes associated with RAI Batch #152, Response to Question 09.05.04-16 Table 1.8-2 RAI / Changes associated with RAI Batch #33, Response to Question 09.05.04-16 Table 1.8-2 18. RAI / Changes associated with RAI Batch #31, Suppl 3, Response to Questions 91-S3, 100-S2, 106-S1 RAI / Changes associated with RAI Batch #31, Suppl 3, Response to Questions 91-S3, 100-S2, 106-S1 RAI / Changes associated with RAI Batch #40, Suppl 2, Response to Questions 91-S3, 100-S2, 106-S1 RAI / Changes associated with RAI Batch #40, Suppl 1, Response to Questions 91-S3, 100-S2, 106-S1 RAI / Changes associated with RAI Batch #42, Response to Questions 91-S3, 100-S2, 106-S1 RAI / Changes associated with RAI Batch #42, Response to Question 14.03.12-1 Table 1.8-2 RAI / Changes associated with RAI Batch #42, Response to Question 14.03.12-1 Table 1.8-2 RAI / Changes associated with RAI Batch #42, Response to Question 12.05-1 Raible 1.8-2 RAI / Changes associated with RAI Batch #42, Response to Question 12.05-2 RAI / Changes associated with RAI Batch #43, Suppl 1, Response to Question 12.05-2 RAI / Changes associated with RAI Batch #43, Suppl 1, Response to Question 14.02-36 RAI / Changes associated with RAI Batch #43, Suppl 1, Response to Question 14.02-36 RAI / Changes associated with RAI Batch #48, Suppl 1, Response to Question 14.02-36 RAI / Changes associated with RAI Batch #48, Response to Question 14.02-36 RAI / Changes associated with RAI Batch #48, Resp	٠.			1
Table 1.8-2 Response 09.65.02-6 - Add COL Item for offsite communication system 1.8 Correction - moderate / Add COL Items for Liquid and Gaseous Radwaste Systems to compare typical site Cost-Benefit Analysis against specific COL applicant's site (associated with deletion of NEI Generic Cost Benefit Analysis - NEI 07-11 - which is no longer being reviewed by NRC] 60 1 1.8 Editorial / Add indication of whether Item 13.6-2 is for COL Applicant or COL Holder Table 1.8-2 61 1.8 RAI / Changes associated with RAI Batch #152, Response to Question 09.05.04-16 62 1 1.8 RAI / Changes associated with RAI Batch #33, Response to Question 09.05.04-16 63 1 1.8 RAI / Changes associated with RAI Batch #91, Suppl 3, Response to Questions 11.8-1 Table 1.8-2 19-53, 100-52, 106-51 64 1 1.8 RAI / Changes associated with RAI Batch #91, Suppl 3, Response to Questions 19-53, 100-52, 106-51 65 1 1.8 RAI / Changes associated with RAI Batch #106, Suppl 1, Response to Questions 19-53, 100-52, 106-51 66 1 1.8 RAI / Changes associated with RAI Batch #106, Suppl 1, Response to Questions 19-53, 100-52, 106-51 77 1 1.8 RAI / Changes associated with RAI Batch #12, Response to Question 14.03.12-1 78 Table 1.8-2 RAI / Changes associated with RAI Batch #12, Response to Question 14.03.12-1 79 Table 1.8-2 RAI / Changes associated with RAI Batch #12, Response to Question 12.05-1 70 Table 1.8-2 RAI / Changes associated with RAI Batch #12, Response to Question 12.05-1 70 Table 1.8-2 RAI / Changes associated with RAI Batch #142, Response to Question 12.05-1 70 Table 1.8-2 RAI / Changes associated with RAI Batch #142, Suppl 1, Response to Question 12.05-1 71 Table 1.8-2 RAI / Changes associated with RAI Batch #143, Suppl 1, Response to Question 14.02-36 72 Table 1.8-2 RAI / Changes associated with RAI Batch #143, Suppl 1, Response to Question 14.02-36 73 Table 1.8-2 RAI / Changes associated with RAI Batch #148, Suppl 1, Response to Question 14.02-36 74 Table 1.8-2 RAI / Changes associated with RAI Batch #189, Response to Question 14.02-36	58	1		
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Table 1.8-2 Editorial change to wording of COL items 14.2-5 and 14.2-7 for circulating water supply system and cooling tower [to state provide site-specific test "abstract" information]; Add COL item 14.2-8 that was inadvertently omitted for the raw water supply system. 71	69	1	1.8	RAI / Changes associated with RAI Batch #214, Response to Question 12.05-2
Table 1.8-2 supply system and cooling tower [to state provide site-specific test "abstract" information]; Add COL item 14.2-8 that was inadvertently omitted for the raw water supply system. 1 1.8 RAI / Changes associated with RAI Batch #143, Suppl 1, Response to Question 14.02-64 1 1.8 RAI / Changes associated with RAI Batch #85, Suppl 1, Response to Question 14.02-36 1 1.8 RAI / Changes associated with RAI Batch #85, Suppl 1, Response to Question 14.02-36 1 1.8 Correction - Minor / Delete duplicate COL item added in RAI Batch #85, Suppl 1 Q 1 1.8 RAI / Changes associated with RAI Batch #98, Response to Questions 14.02-45 1 1.8 RAI / Changes associated with RAI Batch #98, Response to Questions 14.02-45 1 1.8 RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95 1 1.8 Clarify COL item associated with Tech Specs (Item 16.0-1) to indicate that the COL Applicant will "provide the necessary information in response to the Reviewer's Notes and replace preliminary information provided in brackets of the TS and TS Bases with plant-specific values." - per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs.		l ·	Table 1.8-2	
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supply system. 1 1.8 RAI / Changes associated with RAI Batch #143, Suppl 1, Response to Question 14.02-64 1 1.8 RAI / Changes associated with RAI Batch #85, Suppl 1, Response to Question 14.02-36 1 1.8 Correction - Minor / Delete duplicate COL item added in RAI Batch #85, Suppl 1 Q 14.02-36 [COL Item 14.2-12]. This is a duplicate of existing COL item 14.2-8. 1 1.8 RAI / Changes associated with RAI Batch #98, Response to Questions 14.02.44, 14.02-45 1 1.8 RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95 1 1.8 RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95 1 1.8 Clarify COL item associated with Tech Specs (Item 16.0-1) to indicate that the COL Applicant will "provide the necessary information in response to the Reviewer's Notes and replace preliminary information provided in brackets of the TS and TS Bases with plant-specific values." - per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs. 77 1 1 1.8 RAI / Changes associated with RAI Batch #97, Response to Question 19-225		l ·	Table 1.8-2	supply system and cooling tower [to state provide site-specific test "abstract"
71 1 1.8 RAI / Changes associated with RAI Batch #143, Suppl 1, Response to Question 14.02-64 72 1 1.8 RAI / Changes associated with RAI Batch #85, Suppl 1, Response to Question 14.02-36 73 1 1.8 Correction - Minor / Delete duplicate COL item added in RAI Batch #85, Suppl 1 Q 14.02-36 [COL Item 14.2-12]. This is a duplicate of existing COL item 14.2-8. 74 1 1.8 RAI / Changes associated with RAI Batch #98, Response to Questions 14.02-44, 14.02-45 75 1 1.8 RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95 76 1 1.8 Clarify COL item associated with Tech Specs (Item 16.0-1) to indicate that the COL Applicant will "provide the necessary information in response to the Reviewer's Notes and replace preliminary information provided in brackets of the TS and TS Bases with plant-specific values." - per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs. 77 1 1 1.8 RAI / Changes associated with RAI Batch #97, Response to Question 19-225				information]; Add COL item 14.2-8 that was inadvertently omitted for the raw water
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Table 1.8-2 14.02-64 72 1 1.8 RAI / Changes associated with RAI Batch #85, Suppl 1, Response to Question 14.02-36 73 1 1.8 Correction - Minor / Delete duplicate COL item added in RAI Batch #85, Suppl 1 Q 14.02-36 [COL Item 14.2-12]. This is a duplicate of existing COL item 14.2-8. 74 1 1.8 RAI / Changes associated with RAI Batch #98, Response to Questions 14.02.44, 14.02-45 75 1 1.8 RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95 76 1 1.8 Clarify COL item associated with Tech Specs (Item 16.0-1) to indicate that the COL Applicant will "provide the necessary information in response to the Reviewer's Notes and replace preliminary information provided in brackets of the TS and TS Bases with plant-specific values." - per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs. 77 1 1.8 RAI / Changes associated with RAI Batch #97, Response to Question 19-225	71	1	1.8	RAI / Changes associated with RAI Batch #143, Suppl 1, Response to Question
Table 1.8-2 14.02-36 Table 1.8-2 14.02-36 Table 1.8-2 14.02-36 Table 1.8-2 14.02-36 [COL Item 14.2-12]. This is a duplicate of existing COL Item 14.2-8. Table 1.8-2 14.02-36 [COL Item 14.2-12]. This is a duplicate of existing COL Item 14.2-8. Table 1.8-2 14.02-45 Table 1.8-2 18.8 RAI / Changes associated with RAI Batch #98, Response to Questions 14.02.44, 14.02-45 Table 1.8-2 18.8 RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95 Table 1.8-2 Clarify COL Item associated with Tech Specs (Item 16.0-1) to indicate that the COL Applicant will "provide the necessary information in response to the Reviewer's Notes and replace preliminary information provided in brackets of the TS and TS Bases with plant-specific values." - per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs. RAI / Changes associated with RAI Batch #97, Response to Question 19-225				
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Table 1.8-2 14.02-36 [COL Item 14.2-12]. This is a duplicate of existing COL item 14.2-8. 1 1.8 RAI / Changes associated with RAI Batch #98, Response to Questions 14.02.44, 14.02-45 1 1.8 RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95 1 1.8 RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95 1 1.8 Clarify COL item associated with Tech Specs (Item 16.0-1) to indicate that the COL Applicant will "provide the necessary information in response to the Reviewer's Notes and replace preliminary information provided in brackets of the TS and TS Bases with plant-specific values." - per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs. 1 1.8 RAI / Changes associated with RAI Batch #97, Response to Question 19-225	73	1		
74 1 1.8 RAI / Changes associated with RAI Batch #98, Response to Questions 14.02.44, 75 1 1.8 RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95 76 1 1.8 Clarify COL item associated with Tech Specs (Item 16.0-1) to indicate that the COL Applicant will "provide the necessary information in response to the Reviewer's Notes and replace preliminary information provided in brackets of the TS and TS Bases with plant-specific values." - per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs. 77 1 1.8 RAI / Changes associated with RAI Batch #97, Response to Question 19-225			Table 1.8-2	
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75 1 1.8 RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95 76 1 1.8 Clarify COL item associated with Tech Specs (Item 16.0-1) to indicate that the COL Applicant will "provide the necessary information in response to the Reviewer's Notes and replace preliminary information provided in brackets of the TS and TS Bases with plant-specific values." - per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs. 77 1 1.8 RAI / Changes associated with RAI Batch #97, Response to Question 19-225				1 9
Table 1.8-2 1 1.8 Clarify COL item associated with Tech Specs (Item 16.0-1) to indicate that the COL Applicant will "provide the necessary information in response to the Reviewer's Notes and replace preliminary information provided in brackets of the TS and TS Bases with plant-specific values." - per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs. 77 1 1.8 RAI / Changes associated with RAI Batch #97, Response to Question 19-225	75	1		RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95
76 1 1.8 Clarify COL item associated with Tech Specs (Item 16.0-1) to indicate that the COL Applicant will "provide the necessary information in response to the Reviewer's Notes and replace preliminary information provided in brackets of the TS and TS Bases with plant-specific values." - per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs. 77 1 1.8 RAI / Changes associated with RAI Batch #97, Response to Question 19-225			***	
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77 1 1.8 RAI / Changes associated with RAI Batch #97, Response to Question 19-225				
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78 79 80 81	Chapter 1	Subsection 1.9	Type of Change RAI / Changes associated with RAI Batch #143, Suppl 1, Response to Question
79		1.9	TRALI CHANGES ASSOCIATED WITH RALIBRICH #145, SUDDI 1, RESDONSE TO QUESTION
80	1		14.02-64
		1.9 Table 1.9-2	RAI / Add conformance and commitment to RG 1.37, Rev. 1 for section 17.5 - per Response to RAI Batch #38, Question #17.5-1
81	1	1.9 Table 1.9-2	RAI / Changes associated with RAI Batch #168, Response to Question 03.06.03-19
۱ ۱۰	1	1.9	RAI / Delete reference to 5% damping for piping - agreed to use 4% damping per RG
	()	Table 1.9-2	1.61. NOTE: Part of comment resolution from ANP-10264 [U.S. EPR Piping Analysis and Piping Support Design Topical Report]
82	1	1.9 Table 1.9-2	RAI / Changes associated with RAI Batch #143, Response to Question 14.02-65
83	1	1.9 Table 1.9-2	RAI / Changes to FSAR associated with RAI Batch #16 in accordance with RAI Response #14.02-9
84	1	1.9 Table 1.9-2	RAI / Changes to FSAR associated with RAI Batch #214 in accordance with RAI Response #12.05-2
85	1	1,9	Editorial / Update references to FSAR sections where TMI requirements are
	-	Table 1.9-3	addressed in Table 1.9-3
86	2	TOC, 2.1, 2.3, 2.4, 2.5,	Editorial
87	2	2.1, 2.3, 2.4, 2.5,	Editorial
88	2	2.1, 2.3, 2.5,	Editorial
89	2	2.1 Table 2.1-1	RAI / Changes to FSAR as specified in RAI Batch 10 - Response #2.03.01-2 - clarify maximum wind speed parameter to state "Maximum Speed (Other Than Tornado)"
90	2	2.1 Table 2.1-1	Editorial / Change label for Tornado to include rate of pressure drop
91	2	2.1	RAI / Changes associated with RAI Batch #130, Suppl 1, Response to Question 03.07.02-22
92	. 2	2.1	RAI / Changes associated with RAI Batch #35, Suppl 1, Response to Question 02.05.04-2
93	2	2.1	RAI / Changes associated with RAI Batch #37, Response to Question 02.03.04-5
94	2	2.1	RAI / Changes associated with RAI Batch #93, Suppl 1, Response to Question 02.03.01-12
95	2	2.1 Table 2.1-2	Editorial / Entry for metastable isotopes changed to lowercase "m"
96	2	2.1 Table 2.1-2	Addition of Tritium to Table 2.1-2 - Bounding Values for Component Radionuclide Inventory - corresponding change required for consistency with response to RAI 86, Suppl 1, Q 09.01.02-21
97	2	2.3 Table 2.3-3	RAI / Changes to FSAR as specified in RAI Batch 10 - Response #2.03.04-4 - add Table 2.3-3: Input Parameters for Control Room X/Q Values
98	2	2.3	RAI / Changes associated with RAI Batch #37, Response to Question 02.03.04-5
99	2	2.4	RAI / Changes associated with RAI Batch #93, Suppl 1, Response to Question 02.03.01-12
100		2.4	RAI / Changes to FSAR associated with RAI Batch #13 - in accordance with RAI Responses 02.04.04-01, 02.04.06-1, and 02.04.09-01
101	2	2.5	Editorial
102	2	2.5	RAI / Changes associated with RAI Batch #35, Suppl 1, Response to Question 02.05.04-2
103	2	2.5	Correction - minor / Revision of Sliding and Overturning Results for the Nuclear
		2.5.4.2 2.5.4.3	Island: Change maximum bearing pressure under safe shutdown earthquake loads combined with other loads from 25,000 lb/ft2 to 31,400 lb/ft2. Also include a range of friction coefficients and update soil damping in 2.5.4.2 & 2.5.4.3.
104	2	2.5	Editorial correction to title and dates of 2 references in Sec. 2.5.
105	3	3 TOC	Editorial / Consistency in titles and other editorial changes
106	3	3.1	Editorial correction to title of Reference 1- ANSI/ASME NQA-1-1994

Item	Chapter	Subsection	Type of Change
107	3	3.2	Editorial / Clarify sentences defining classification of SSCs and secondary design
			function definition
108	3	3.2	Editorial / Add "(Note 5)" to Table 3.2.2-1 column titled "10 CFR 50 Appendix B
		Table 3.2.2-1	Program" spelling corrections in Note 5
109	3	3.2	RAI / Changes associated with RAI Batch #71 Response to Question 03.02.01-2
100		Table 3.2.2-1	To any changes according with to a Batch with the Copenies to Saccion 60.02.0 F.2
110	3	3.2	RAI / Changes associated with RAI Batch #50, Suppl 1, Response to Question
110	٠	- · · · ·	
444		Table 3.2.2-1	04.05.02-4
111	3	3.2	RAI / Changes associated with RAI Batch #111, Suppl 5, Response to Question
	<u> </u>	Table 3.2.2-1	06.02.02-17
112.	3	3.2	RAI / Changes associated with RAI Batch #72, Suppl 1, Response to Question
		Table 3.2.2-1	03.02.02-5
113	3	3.2	RAI / Changes associated with RAI Batch #131, Suppl 3, Response to Questions
		Table 3.2.2-1	09.01.04-1a, 09.01.04-1c
114	3	3.2	RAI / Changes associated with RAI Batch #72, Suppl 1, Response to Question
	· ·	Table 3.2.2-1	03.02.02-4
115	3	3.2	RAI / Changes associated with RAI Batch #119, Suppl 1, Response to Questions
		Table 3.2.2-1	09.02.01-1 & 09.02.01-3
116	3	3.2	RAI / Changes associated with RAI Batch #169, Suppl 1, Response to Question
		Table 3.2.2-1	09.05.01-66
117	- 3	3.2	RAI / Changes associated with RAI Batch #168, Response to Question 03.06.03-1
		Table 3.2.2-1	Trainged abbonded with the Batch 47 too, 1 tooponioo to decoulon oc.oo.oo
118	3	3.2	RAI / Changes associated with RAI Batch #87, Suppl 4, Response to Question
110	ا		109.05.07-2
440		Table 3.2.2-1	
119	3	3.2	RAI / Changes associated with RAI Batch #131, Suppl 2, Response to Question
		Table 3.2.2-1	09.05.06-2
120	3	3.2	RAI / Changes associated with RAI Batch #145, Suppl 1, Response to Question
. 12		Table 3.2.2-1	09.05.08-2
121	3	3.2	RAI / Changes associated with RAI Batch #159, Suppl 1, Response to Question
		Table 3.2.2-1	09.05.05-1
122	3	3.2	RAI / Changes associated with RAI Batch #135, Suppl 1, Response to Questions
		Table 3.2.2-1	09.04.05-1.1 and 09.04.05-1.13
123	3	3.2	RAI / Changes associated with RAI Batch #173, Suppl 1, Response to Question
		Table 3.2.2-1	09.01.05-1
124	3	3.2	Editorial / Correct punctuation for ASME Code in Notes 1,2,3,4 and 8 in Table 3.2.2
		Table 3.2.2-1	
125	3	3.2	RAI / Changes associated with RAI Batch #119, Suppl 1, Response to Question
120		Table 3.2.2-1	09.02.01-3
126	3	3.3	RAI / Changes associated with RAI Batch #108, Response to Question 03.03.01-2
120	٠,	3.3	TART Changes associated with that batch #100, hesponse to Question 05.05.01-2
107			DAL/Changes appointed with DAL Batch #400 Decrease to Overeline - 00 00 00
127	3	3.3	RAI / Changes associated with RAI Batch #126, Response to Questions 03.03.02-
455		· · · · · · · · · · · · · · · · · · ·	03.03.02-2
128	3	3.4	RAI / Changes associated with RAI Batch #118, Response to Question 03.04.01-4
129	. 3	3.4	RAI / Changes associated with RAI Batch #118, Suppl 1, Response to Question
			03.04.01-7
130	3	3.4	RAI / Changes associated with RAI Batch #131, Suppl 1, Response to Question
			09.02.01-25
131	3	3.4	RAI / Changes associated with RAI Batch #109, Response to Questions 03.04.01-
			03.04.01-2, 03.04.01-3
132	3	3.4	RAI / Changes associated with RAI Batch #84, Response to Question 09.01.02-8
.02		0.4	1 5 11 5 hanges accounted with the batter #04, thesponse to Question 03.01.02-0
133	3	2.5	RAI / Changes associated with RAI Batch #109, Response to Questions 03.05.01-
100	ာ	3.5	
404		0.5	03.05.02-1
134	. 3	3.5	RAI / Changes associated with RAI Batch #109, Suppl 1, Response to Question
			03.05.01.01-1
135	-3.	3.5	RAI / Changes associated with RAI Batch #109, Suppl 2, Response to Question
	:		03.05.01.03-2

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Item	Chapter		Type of Change
136	3	3.5	RAI / Changes associated with RAI Batch #162, Suppl 1, Response to Questions 03.05.03-1 and 03.05.03-3
137	3	3.5	RAI / Changes associated with RAI Batch #162, Response to Question 03.05.03-7
138	3	3.6	RAI / Changes associated with RAI Batch #107, Suppl 1, Response to Questions 03.06.02-9, 03.06.02-11
139	. 3	3.6	RAI / Changes associated with RAI Batch #80, Response to Questions 03.06.01-3 and 03.06.01-4
140	3	3.6	RAI / Changes associated with RAI Batch #107, Response to Questions 03.06.02-2, 03.06.02-4, 03.06.02-5
141	3	3.6	Correction - minor / Clarify wording for Footnotes 1 and 6 in Table 3.6.1-1—High-
	1	Table 3.6.1-1	Energy and Moderate-Energy Fluid Systems Considered for Protection of Essential Systems
142	3	3.6.3.3.3	Editorial / Additional sentence added to provide cross-reference for additional detail on flow-accelerated corrosion in the main steam supply system in Section 10.3.6.3
143	3	3.6	Editorial
144	3	3.6	RAI / Changes associated with RAI Batch #48, Suppl 1, Response to Question 03.06.03-12
145	3	3.6	Editorial / correct cross-reference (3.6.3.1.1 should be 3.6.3.6.1.1)
146	3	3.6	RAI / Changes associated with RAI Batch #168, Response to Question 03.06.03-19
147	3	3.6	RAI / Changes associated with RAI Batch #48, Response to Question 03.06.03-9
148	3	3.7	Editorial
149	3	3.7	RAI / Delete reference to 5% damping for piping - agreed to use 4% damping per RG
			1.61. NOTE: Part of comment resolution from ANP-10264 [U.S. EPR Piping Analysis and Piping Support Design Topical Report]
150	3	3.7 Figure 3.7.1-2	Editorial / Figure 3.7.1-2 - Spelling correction in title
151	3	3.7.2.2	Editorial / Change table titles referenced in text to match the actual table titles for Tables 3.7.2-1 thru Table 3.7.2-3
152	3	3.7	Editorial / Table 3.7.2-1, and figure clarification
14		Table 3.7.2-1	
	,	Figure 3.7.2-3,	
		Figure 3.7.2-4,	
		Figure 3.7.2-62	
153	3	3.7	Editorial / Change Titles for Figures 3.7.1-17 through 3.7.1-25 needed to understand different lines on same graph (changed titles instead of adding legend)
154	3	3.7	RAI / Changes associated with RAI Batch #161, Response to Question 03.12-11
155	3	3.7	RAI / Changes associated with RAI Batch #130, Suppl 1, Response to Questions 03.07.01-10, 03.07.01-12, 03.07.01-15, 03.07.01-16, 03.07.02-2, 03.07.02-34,
	4.0		03.07.02
156	3	3.7	RAI / Changes associated with RAI Batch #130, Suppl 2, Response to Questions
		,	03.07.01-5, 03.07.01-6, 03.07.01-7, 03.07.02-19, 03.07.02-23, 03.07.02-25,
			03.07.02-27
157	3	3.7	RAI / Changes associated with RAI Batch #52, Suppl 1, Response to Question 03.09-02-2
158	3	3.7	RAI / Changes associated with RAI Batch #115, Suppl 1, Response to Question 14.03.02-5
159	3	3.7	RAI / Changes associated with RAI Batch #35, Suppl 1, Response to Question 02.05.02-3
160	3	3.7	RAI / Changes associated with RAI Batch #73, Response to Questions 03.07.04-2,
			03.07.04-3, 03.07-04-4 and 03.07.04-5

Item	Chapter	Subsection	Type of Change
161	3	3.7,	Editorial / Miscellaneous editorial changes (including changing 'Emergency' Service
		Table 3.7.2-8, 3.8	Water Building to 'Essential' Service Water Building (Table 3.7.2-8))
162	3	3.7	Correction - minor / Labeling for coordinate system for the in-structure response
		Figures:	spectrum for the ESWB corrected in Figures 3.7.2-104, 105, 107, & 108 per
		3.7.2-104,	WebCAP 2008-4032
		3.7.2 -105,	
		3.7.2-107,	
163.	3	3.7.2-108 3.7	RAI / Changes associated with RAI Batch #108, Suppl 1, Response to Questions
103.	3	3.7	03.07.03-1, 03.07.03-3, 03.07.03-4, 03.07.03-5, 03.07.03-9, 03.07.03-11,
			03.07.03-12, 03.07.03-14, 03.07.03-16, 03.07.03-18, 03.07.03-19
			7, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
164	. 3	3.7	RAI / Changes associated with RAI Batch #108, Response to Question 03.07.03-2
165	3	3.7	RAI / Changes associated with RAI Batch #187, Response to Questions
,		5. ,	03.07.03-20, 03.07.03-21
166	3	3.7	RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5
·			
167	3	3.8.1.1	Editorial / Add ""Figure" before reference to Figure 3.8-13 in text of 3.8.1.1 (cross-
400		2.0	references consistency)
168	3	3.8	RAI / Changes associated with RAI Batch #126, Response to Questions 03.03.02-1
169	3	3.8	Correction - minor / Change description of ANSYS SOLID45 to indicate that it is an
			"eight-node" rather than a "four-node" brick element.
170	3	3.8	Editorial / Change table cross-references for Tables 3.8-2, 3.8-3, and 3.8-4 for
			consistency
171	3	3.8	RAI / Changes associated with RAI Batch #155, Response to Questions
			03.08.01-15, 03.08.01-15 (Part 1), 03.08.01-18, 03.08.01-19, 03.08.01-26 (Part 2)
172	3	3.8	RAI / Changes associated with RAI Batch #155, Suppl 1, Response to Questions
.,_		0.0	03.08.01-4, 03.08.01-5, 03.08.03-2, 03.08.03-9, 03.08.05-3, 03.08.05-4
173	3	3.8	RAI / Changes associated with RAI Batch #81, Suppl 1, Response to Question
			06.01.01-6
174	3	3.8	Editorial / Correct cross-reference from "Sections 3.6" to "Section 3.6"
175	3	3.8	RAI / Changes associated with RAI Batch #86, Response to Question 09.01.02-20
176	3	3.8	RAI / Changes associated with RAI Batch #93, Suppl 1, Response to Question
170		3.0	02.03.01-12
177	3	3.8.4.4.2	Editorial / Title and content editorial corrections for 3.8.4.4.2 - delete "Other Seismic
		·	Category I Structures" in reference to NI Common Basemat Structure
178	3	3.8	RAI / Changes associated with RAI Batch #35, Suppl 1, Response to Question
			02.05.04-2
179	3	3.8	RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5
180	3	3.8	RAI / Changes associated with RAI Batch #130, Suppl 2, Response to Question
100	3	3.0	03.07.02-27
181	3	3.8	Correction - moderate / Update figures based on change in T2 Section 2.4 in
			Supplement #2 letter on 2/20/08 to change definition of finished yard grade to 1 foot
		& 3.8 -102	below ground floor top of concrete.
182	3	3.8	Correction - moderate / Replace figure with correct one for "Elastic Displacement for
		Figure 3.8-106	Soil Case 1u". Original submittal had repeated the figure for Fig. 3.8-103 twice - once
			for Fig. 3.8-103 (correct figure) and again for Fig. 3.8-106.
100	2	3.9	Editorial / Delete unnecessary sentence concerning computer programs
183 184	3	3.9	Editorial / Change "Appendix C" to "Appendix 3C".
104	<u> </u>	٥.٥	Lationary Change Appendix o to Appendix oo .

Item	Chapter	Subsection	Type of Change
185	3	3.9	RAI / COL Item revision to wording [#3.9-9] based on RAI response to Piping Topical
,			Report - change "NRC approved benchmark program" to "U.S. EPR benchmark
			program"
186	3	3.9	RAI / Changes associated with RAI Batch #161, Response to Question 03.12-11
187 ⁻	3	3.9	RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5
188	3	3.9	RAI / Changes associated with RAI 179, Supplement 2, Response to Question
		Table 3.9.1-1	03.09.01-1 - Update Table 3.9.1-1
189	3	3.9	RAI / Changes associated with RAI Batch #160, Response to Questions 03.09.02-10
190	3	3.9	and 03.09.02-14 Editorial / Delete reference to "during detailed design"
191	3	3.9	Correction - minor / Section number cross-reference, and clarification of information
191	3	3.8	provided on seismic qualification testing given in 3.10.
192	3	3.9	Editorial / Insertion of sentence in 3.9.2 ["These sources are considered in the hot
102		0.0	functional testing of the RPV internals and in subsequent analytical evaluations."],
	٠.		and other miscellaneous editorial changes
193	3	3.9	RAI / Changes associated with RAI Batch #143, Suppl 1, Response to Question
		0.0	14.02-64
194	3	3.9	Editorial / Cross-out text, editorial update
195	3	3.9	RAI / Changes associated with RAI Batch #178, Response to Questions
			03.09.03-17, 03.09.03-20
196	3	3.9	Editorial / Replace text to match Figure title; replace text to match Reference
197	3	3.9.4	Editorial / Revised wording/clarification to keep consistent units of psia for design
			and operating pressure in 3.9.4 discussion
198	3	3.9	RAI / Changes associated with RAI Batch #95, Response to Question 03.09-04
199	. 3	3.9	Editorial / Revised wording/clarification to add additional pointer for RPV interfaces to
	_		RCS discussion in Section 5.3
200	3	3.9	RAI / Changes associated with RAI Batch #149, Response to Questions 03.09.05-8,
			03.09.05-9, 03.09.05-10 and 03.09.05-11
201	3	3.9	RAI / Changes associated with RAI Batch #50, Suppl 1, Response to Question
			04.05.02-4
202	3	3.9	RAI / Changes associated with RAI Batch #50, Suppl 1, Response to Question
			04.05.02-6
203	3	3.9	Editorial / Added an identifier for Inlet and Outlet of primary coolant flow in RPV in
-004		Figure 3.9.5-1	Figure 3.9.5-1
204	3	3.9.6.1	Editorial /Maximum flow testing and acceptance criteria - change wording to match
			Revised source document and correct "acceptable" to "acceptance" criteria
205	3	3.9	RAI / Changes associated with RAI Batch #49, Response to Question 03.09.06-13
203	3	3.9	RAIT Changes associated with RAI Battil #45, Response to Question 03.05.00-13
206	3	3.9	RAI / Changes associated with RAI Batch #49, Suppl 1, Response to Question
			03.09.06-5
207	3	3.10	Correction - moderate / Delete existing text and replace with updated information on
			seismic qualification based on NRC application review schedule letter dated 3/26/08
			and subsequent NRC telecon.
208	3	3.10	RAI / Changes associated with RAI Batch #161, Response to Question 03.10-2,
			30.10-7, 03.10-5, 30.10-21
209	3	3.10	RAI / Changes associated with RAI Batch #107, Response to Question 03.06.02-5
210	3	3.10	RAI / Changes associated with RAI Batch #135, Suppl 1, Response to Question
		· · · · · · · · · · · · · · · · · · ·	09.04.05-1.13
211	3	3.11	Editorial / Change "humidity [steam]" to "humidity from steam"
212	3	3.11	RAI / Changes associated with RAI Batch #96, Response to Question 03.11-2
213	3	3.11	RAI / Changes associated with RAI Batch #96, Supplement 1, Response to Question 03.11-1
214	3	3.11	RAI / Changes associated with RAI Batch #43, Suppl 1, Response to Question
	, j	,	14.03.08-1 (1a)

3.11 Correction to EQ list in Table 3.11-1 for Containment Ventilation System (K Sensors.The KLA pressure sensors should be safety-related (S), and Seisi Category I, rather than Supplemental Grade Non-Safety (NS-AQ), Seismic II - resulting from WebCAP 2008-6358 3.11 RAI / Changes associated with RAI Batch #135, Suppl 1, Response to Que	
Category I, rather than Supplemental Grade Non-Safety (NS-AQ), Seismic II - resulting from WebCAP 2008-6358	(LA)
Category I, rather than Supplemental Grade Non-Safety (NS-AQ), Seismic II - resulting from WebCAP 2008-6358	mic
II - resulting from WebCAP 2008-6358	
	estion
09.04.05-1.1	,000
3.12 RAI / Changes associated with RAI Batch #161, Response to Question 03.	12-11
C. 12 TO 117 Changes absoluted that the battern to 11 hosperior to design out	
3.12 RAI / Changes associated with RAI Batch #107, Response to Questions 03	3 06 02-5
and 03.09.03-8	J.00.02 0
3.13 RAI / Changes associated with RAI Batch #99, Response to Question 03.1	3-4
3.1, 3.4, 3.5, Editorial / Editorial and Reference additions/corrections	<u> </u>
.7, 3.9, 3.10,	
11, 3.12, 3.13,	*
	100
3A.4, 3D	:
Attach. E	00.00.5
3A RAI / Changes associated with RAI Batch #107, Response to Question 03.	.06.02-5
3C	0.00
3A RAI / Changes associated with RAI Batch #52, Response to Question 03.0	19-02-4
3A RAI / Changes associated with RAI Batch #52, Suppl 1, Response to Ques	stion
03.09-02-2	
3A RAI / Changes associated with RAI Batch #130, Suppl 1, Response to Que	estion
03.07-01-15	
3B RAI / Changes associated with RAI Batch #130, Suppl 2, Response to Que	estion
03.07.02-27	
3B Correction - moderate / Update figures based on change in T2 Section 2.4	in
igure 3B-75 Supplement #2 letter on 2/20/08 to change definition of finished yard grade	to 1 foot
igure 3B-76 below ground floor top of concrete.	
3D RAI / Changes associated with RAI Batch #96, Supplement 1, Response to	Question
03.11-1	
3D Editorial / Revised wording/clarification - Changed RPS to PS in Note 1 to	
Table 3D-2	
3D RAI / Changes associated with RAI Batch #96, Response to Question 03.1	1-2
3D Editorial / Change to make Figure 3D.D-1 title consistent with title in the tex	
igure 3D.D-1 section	,
3D Correction - moderate / Delete existing text and replace with updated inform	nation on
seismic qualification based on NRC application review schedule letter date	d 3/26/08
and subsequent NRC telecon.	_ 5,_5,50
3D RAI / Changes associated with RAI Batch #161, Response to Question 03.	12-11
TOTAL Onlinges associated with IVAL batter # 101, I response to Question 05.	
3E RAI / Changes associated with RAI Batch #155, Suppl 1, Response to Que	estion
03.08.01-21	201011
	estion
	PORIOLI
03.07.02-27	
3E.1 Editorial	20 5 2 011
3E.1 Editorial / Correct cross-reference to "Section 3.8.5.3" rather than "Section	
054 0 5 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	EDUAP
3E.1 Correction - moderate / Replace Figure 3E.1-70 with correct figure - per We	14
gure 3E.1-70 2008-3658	.,
gure 3E.1-70 2008-3658 Editorial Edi	
gure 3E.1-70 2008-3658 3E.2, 3E.3 Editorial 3E.1-3E.3 Correction - minor / Non-editorial comments - relating to figure changes	
gure 3E.1-70 2008-3658 3E.2, 3E.3 Editorial 3E.1-3E.3 Correction - minor / Non-editorial comments - relating to figure changes 4.1 Editorial	
igure 3E.1-70 2008-3658 3E.2, 3E.3 Editorial 3E.1-3E.3 Correction - minor / Non-editorial comments - relating to figure changes 4.1 Editorial 4.1 Editorial	
igure 3E.1-70 2008-3658 3E.2, 3E.3 Editorial 3E.1-3E.3 Correction - minor / Non-editorial comments - relating to figure changes 4.1 Editorial	l reports
igure 3E.1-70 2008-3658 3E.2, 3E.3 Editorial 3E.1-3E.3 Correction - minor / Non-editorial comments - relating to figure changes 4.1 Editorial 4.1 Editorial 4.2 Editorial / revision to references for dates of approved topical and technica	l reports
igure 3E.1-70 2008-3658 3E.2, 3E.3 Editorial 3E.1-3E.3 Correction - minor / Non-editorial comments - relating to figure changes 4.1 Editorial 4.1 Editorial	l reports
igure 3E.1-70 2008-3658 3E.2, 3E.3 Editorial 3E.1-3E.3 Correction - minor / Non-editorial comments - relating to figure changes 4.1 Editorial 4.1 Editorial 4.2 Editorial / revision to references for dates of approved topical and technica	l re

Item	Chapter	Subsection	Type of Change
245	Ottapici	4.3,	Editorial / Changes to references for Tech Specs
240	•	7.3, Table 4.3-1, 4.4	
246	4	4.3	RAI / Changes associated with RAI Batch #134, Response to Question 04.03-15
247	4	4.4	RAI / Changes associated with RAI Batch #134, Response to Question 04.04-25
248	4	4.4	Editorial / Update cross-references to LYNXT code to Section 4.4.4.5.2 rather than 4.4.4.5.1
249	. 4	4.4	RAI / Changes associated with RAI Batch #134, Response to Questions 04.04-27 and 04.04-34
250	4	4.4.4.2.3	Editorial / Correct misspelling of 'empirical' in title of Section 4.4.4.2.3
251	4	4.4	RAI / Changes associated with RAI Batch #134, Response to Question 04.04-21
252	4	4.5	Editorial / Correction to table number reference - should be Table 5.2-2 rather than 5.2-1
253	4	4.5	Editorial / Term "grade" being added after "cold-worked" to indicate that no austenitic SS material that is designated as cold-worked is used in the RCPB. However, manufacturing processes such as bending may introduce incidental cold-working into the material - which is acceptable.
254	4	4.5	RAI / Changes to FSAR associated with RAI Batch #15, Supplement 1 - in accordance with RAI Responses 04.05.01-1, and 04.05.01-3
255	4	4.5	RAI / Changes associated with RAI Batch #50, Response to Questions 04.05.02-1, 04.05.02-3 and 04.05.02-5
256	4	4.6	RAI / Changes associated with RAI Batch #134, Response to Question 04.06-3
257	4		RAI / Changes associated with RAI Batch #134, Suppl 1, Response to Question 04.06-3
258	4		RAI / Changes associated with RAI Batch #57, Suppl 1, Response to Question 07.07-15
259	4	×	Correction - minor / Clarification/correction of line sizes for reactor vent lines and incore instrumentation lines - so it now states that lines are "less than or equal to nominal pipe size (NPS) 1"
260	4	4.6.2	Editorial / Correct Reference citation in 2nd paragraph for IEEE 384-1992 from Reference 4 to Reference 3 and delete Reference 3 citation in paragraph above after "ASME Section III". No Ref. 4 exists in this section.
261	4	4.6	RAI / Changes associated with RAI Batch #33, Response to Questions 04.06-1, 04.06-2
262	5	5.1 Figure 5.1-4 (Sheet 3 of 7)	Editorial / Figure cleanup (Replace PZR Safety relief component symbols)
263	5	5.2	RAI / Changes associated with RAI Batch #51, Response to Questions 05.02.01-2, 05.02.01.02-3, and 05.02.01.02-4
264	5		Correction - minor / Change of wording - channels to subsystems
265	5	5.2	Editorial / Change cross-reference to Chapter 16 'Technical Specifications' rather than 'SR' 3.4.10 and 3.4.11
266	5		RAI / Changes associated with RAI Batch #164, Suppl 1, Response to Question 12.03-12.04-8
267	5	I	RAI / Changes associated with RAI Batch #127, Suppl 1, Response to Question 14.02-54
268	5	5.2.3.3.2,	Correction - minor / (1) Replace welding material storage requirements to more general requirements of ASME Section III, Paragraphs NB-2400 and NB-4400, (2)
		5.4.2.4.1	Delete references to RG 1.38 as these are concerns not addressed within the context of a DC application - also consistent with US EPR assessment in Table 1.9-2
			for compliance with RG 1.38 (N/A-COL).

Item	Chapter	Subsection	Type of Change
269	5	5.2.3.4.1	Editorial / Term "grade" being added after "cold-worked" to indicate that no austenitic
			SS material that is designated as cold-worked is used in the RCPB. However,
			manufacturing processes such as bending may introduce incidental cold-working into the material - which is acceptable.
270	5	5.2	RAI / Changes associated with RAI Batch #88, Response to Questions 05.02.03-4,
			05.02.03-5, 05.02.03-6, 05.02.03-8
271	5 .	5.2	RAI / Changes associated with RAI Batch #65, Response to Question 05.02.04-3
272	5	5.2	RAI / Changes associated with RAI Batch #186, Response to Question 05.02.04-4
273	5	5.2	RAI / Changes associated with RAI Batch #154, Response to Questions 05.02.05-1, 05.02.05-2
274	5	5.2	RAI / Changes associated with RAI Batch #88, Suppl 1, Response to Question 05.02.03-3
275	5	5.2, 5.3, <u>5.</u> 4	Editorial
276	5	5.2, 5.3, <u>5.</u> 4	Editorial / Correct cross-references and other editorial changes
277	5	5.2, 5.3, 5.4	Editorial
278	5	5.3	Editorial / Reference numbers corrected in text for ASME XI and ANP-10283P
279	5	5.3	RAI / Changes associated with RAI Batch #64, Response to Questions 05.03.01-1, 05.03.01-2, 05.03.01-5, 05.03.02-1, 05.03.02-2
280	5	5.3	RAI / Changes associated with RAI Batch #88, Suppl 1, Response to Question 05.03.02-6
281	5	5.3	RAI / Changes associated with RAI Batch #180, Response to Question 05.03.03-2
282	5	5.3	RAI / Changes associated with RAI Batch #50, Suppl 1, Response to Question 04.05.02-6
283	5	5.4	RAI / Changes associated with RAI Batch #18, Suppl 1, Response to Question 05.04.01.01-1
284	5	5.4	RAI / Changes associated with RAI Batch #83, Response to Question 10.04.07-3
285	5	5.4	RAI / Changes associated with RAI Batch #63, Suppl 1, Response to Questions 05.04.02.01-3, 05.04.02.02-4 thru 6, 05.04.02.02-9, 05.04.02.02-10 and 05.04.02.02-14
286	5	5.4	RAI / Changes associated with RAI Batch #127, Suppl 1, Response to Question 14.02-54
287	5	5.4	Editorial / Update references and other editorial changes
288	5	5.4	Correction - minor /Added reference to SECY 93-087 compliance for mid-loop operation
289	5	5.4	RAI / Changes associated with RAI Batch #31 - RAI Responses 05.04.07-3
290	5	5.4	RAI / Changes associated with RAI Batch #129, Response to Question 05.04.07-8
291	. 5	5.4	RAI / Changes associated with RAI Batch #83, Suppl 4, Response to Question 10.04.09-5
292	5	5.4	Editorial
293	5	5.4	RAI / Changes associated with RAI Batch #117, Response to Question 05.04.11-5
294	5	5.4.15	Update Reference to ANP-10294, "U.S. EPR Reactor Coolant Pump Motor Flywheel
			Structural Analysis Technical Report" to Rev. 1 (Ref 19) based on AREVA Ltr NRC:-9:028 dated 3/31/09 which transmitted Rev. 1 of the report to the NRC
295	5	5.4 Table 5.4-9	Editorial / Clarify low temperature operation setpoints (Table 5.4-9)
296	5	5.4 Table 5.4-9	Correction-minor / Change LTOP setpoint from 524 psig to 525 psig for Pressurizer Safety Relief valves
297	6	6.1.3	RAI / Changes associated with RAI Batch #127, Suppl 1, Response to Question 14.02-54
298	6	6.1, 6.2	Editorial
		· · · · · · · · · · · · · · · · · · ·	

Item	Chapter	Subsection	Type of Change
299	6	6.1, 6.2, 6.3,	Editorial
		6.4, 6.5	
300	6	6.1, 6.3, 6.2, 6.5	Editorial
301	6	6.1.1.1	Editorial / Term "grade" being added after "cold-worked" to indicate that no austenitic SS material that is designated as cold-worked is used in the RCPB. However, manufacturing processes such as bending may introduce incidental cold-working into the material - which is acceptable.
302	6	6.1.1.1, Table 6.1-1	RAI / Changes associated with RAI Batch #81, Suppl 1, Response to Question 06.01.01-6
303	6	6.1.1.3, 6.1.1.4	RAI / Changes associated with RAI Batch #81 Response to Question 06.01.01-8 and RAI Batch #81, Suppl 1, Response to Question 06.01.01-9
304	6	6.1.2.4	RAI / Changes associated with RAI Batch #203 Response to Questions 06.01.02-7, 06.01.02-8, and 06.01.02-9
305	6	6.1 Table 6.1-1	RAI / Changes associated with RAI Batch #81, Suppl 1, Response to Question 06.01.01-2
306	6	6.1	Editorial / Delete unnecessary extraneous information (galvanized material not assumed as a part of the debris load transported to IRWST sump screens) not required by SRP or RG 1.206
307	6	6.2	Editorial / Add additional cross-reference information to help reviewer find information (containment analyses during shutdown conditions) requested by RG 1.206, C.I.6.2.1
308	6	6.2	Editorial / update reference to tech specs
309	6	6.2.1.5.2	Correction - minor / For consistency with rest of FSAR (Tech Specs and chapter 15 and elsewhere in Chapter 6), revise IRWST upper range of water temperature from 120°F to 122°F
310	6	6.2	Editorial .
311	6		RAI / Changes to FSAR associated with RAI Batch #1 - passive heat sink and IRWST heat sink description; added column to Table 6.2.1-5 for C-Steel, and update to peak pressure values in Table 6.2.1-8
312	6	6.2 Table 6.2.1-5	Correction - minor / Revise IRWST geometric information in Table 6.2.1-5 (Containment Heat Sink Inventory) for the surface area of the heavy floor. Original model included 2 heat sinks for the heavy floor and should have been only one. — Per WebCAP CR 2008-5206
313	6	6.2	Editorial
314	6	6.2.4	Correction - minor / Clarification of 2-hr batteries designation, and clarification of reference to Section 8.3.1.1.1
315	. 6	6.2.3.2 Table 6.2.3-2 Table 6.2.3-1	RAI / Changes associated with RAI Batch #122, Suppl 1, Response to Question 16-254
316	6	6.2.6.1, Table 6.2.4-1, 6.2.4.2	RAI / Changes associated with RAI Batch #12 - RAI Responses 06.02.06-01, 06.02.06-02, 06.02.04-03, 06.02.04-04, 06.02.04-05
317	6	6.2.3.2 Table 6.2.3-1, Table 6.2.3-2, 6.2.6.1	RAI / Changes associated with RAI Batch #101, Response to Questions 16-117, 16-123
318	6		RAI / Changes associated with RAI Batch #RAI 1, Suppl 2 Response to Questions 6.2.1-07a and 6.2.1-07b
319	6	6.2.8	RAI / Changes associated with RAI Batch #RAI 82, Response to Question 06.02.06-3
320	6	6.2.6.2	RAI / Changes associated with RAI Batch #RAI 116, Response to Question 14.03.06-2
321	6	6.3.2.2	RAI / Changes associated with RAI Batch # 139, Suppl 1, Response to Question 06.02.02-18

Item	Chapter	Subsection	Type of Change
322	6	6.3	Editorial / Delete overly detailed component design information in Tables 6.3-1 and
		Table 6.3-1,	6.3-5
		Table 6.3-5	
323	6	Table 6.3-1	RAI / Changes associated with RAI Batch #128, Suppl 2, Response to Question
		, , , , , , , , , , , , , , , , , , , ,	14.03.03-11
324	6	Table 6.3-4	RAI / Changes associated with RAI Batch #101, Response to Question 16-95
325	6	6.3	Editorial / Figure cleanup (Rotate pressure relief to correct configuration)
323	U	6.3-2 Figure 6.3-2	Editorial / 1 igure dicarrup (Notate pressure Teller to correct corringulation)
226			Editorial / Clarification of reference to Tech Specs
326	6 6	6.4 6.4.2.2	RAI / Changes associated with RAI Batch #135, Suppl 1, Response to Question
327	0	0.4.2.2	09.04.05-1.1
328	6	6.4.1 through	RAI / Changes associated with RAI Batch #RAI 89, Suppl 1, Response to Question
		6.4.7	06.04-4
329	6	6.4.5,	RAI / Changes associated with RAI Batch #RAI 89, Suppl 1, Response to Question
	_	6.4.7	06.04-2
330	6	6.5.1.2,	RAI / Changes associated with RAI Batch #RAI 122, Suppl 1, Response to Question
330		6.5.1.3	16-254
331	6	6.5.1.2,	RAI / Changes associated with RAI Batch #135, Response to Question
JJ 1			09.04.05-1.13
222		6.5.4	
332	6	6.6	Correction - minor / Clarification in terminology. The US EPR does not have a system
		<i>,</i>	called the "containment atmospheric cleanup system" - replace with "ESF filter
			system".
333	7	7.1, 7.2, 7.3,	Editorial
		7.4	
334	7	7.2, 7.3, 7.7, 7.8	Editorial
335	7	7.1.1.3.1	RAI / Changes associated with RAI Batch #56, Suppl 1, Response to Question
			07.09-7
336	7	7.1	Editorial / Spell out acronym wording in 1st occurrence in section for consistency
000	•		(AOOs)
337	7	7.1	Editorial
338	7	7.1	Editorial / Spell out acronym wording in 1st occurrence in section for consistency
330		f.1	(RCCAs)
339	7	7.1.1.5.1	RAI / Changes associated with RAI Batch #59, Response to Question 07.01-4
	7	7.1.1.6.4	RAI / Changes associated with RAI Batch #56, Suppl 3, Response to Question
340	' '	7.1.1.0. 4	
044	-	740040	07.09-22 RAI / Changes associated with RAI Batch #75, Response to Questions 07.02-23,
341	7	7.1.2.6.13,	
		7.1.2.6.19,	07.02-24 and 07.02-28
		7.1.2.6.34	
342	7	7.1.1.6.4,	RAI / Changes associated with RAI Batch #61, Suppl 2, Response to Question
		Table 7.1-2	07-05-6
343	7	7.1	Editorial / Miscellaneous Editorial corrections (including references) - added
			additional reference for EMF-2341(P) - Ref. 39
344	7	7.1	Correction - minor / Fix 3 typos mislabeled in figure
		Figure 7.1-7	
345	7	7.1, 7.2	Editorial
346	7	7.2	Editorial / Miscellaneous editorial corrections (including references) - plus change in
	,	Figure 7.2-5,	titles of figures
		Figures 7.2-25	
		thru 7.2-36	
347	7	7.2	Editorial / Update cross-references
348	7	7.2	Editorial / Clarify label for QN in equation
349	7	7.2.1.3.8	RAI / Changes associated with RAI Batch #RAI 103, Response to Question 16-142
350	7	7.3	Editorial / Miscellaneous editorial corrections - plus correction to titles of Figures
		1	7.3-22, and 7.3-24
254	7	7.4	
351	7	7.4	Editorial

Item	Chapter	Subsection	Type of Change
352	7	7.4.1.1	RAI / Changes associated with RAI Batch # 61, Suppl 2, Response to Question
332			07.04-1
353	7	7.4.1.1	RAI / Changes associated with RAI Batch #RAI 61, Response to Questions 07.04-3 and 07.04-7
354	7	7.4.1.1	RAI / Changes associated with RAI Batch #RAI 61, Suppl 1, Response to Questions 07.04-3, 07.04-5 and 07.04-7
355	7	7.5	Editorial
356	7	7.5.2.2.1, Table 7.5-1	RAI / Changes associated with RAI Batch #61, Suppl 3, Response to Question 07.05-3
357	7	7.5.2.1.1	Editorial / Change wording to add "Indication of " emergency feedwater flow is provided in the MCR.
358	7	7.5 Table 7.5-1	Editorial / Capitalization and abbreviations used in Table 7.5-1
359	7	7.5, 7.6, 7.7	Editorial
360	7	7.6	Editorial / Provide reference in text to associated figures.
361	7 '	7.6.1, Figure 7.6-3	RAI / Changes associated with RAI Batch #RAI 58, Suppl 1, Response to Questions 07.06-1, 07.06-2
362	7	7.6	Editorial
363	7	7.7	Editorial
364	7	7.7	Editorial
365	7	7.7.2.10	RAI / Changes associated with RAI Batch #RAI 57 Response to Question 07.07-14
366	7	7.8.1.1.3	RAI / Changes associated with RAI Batch #RAI 57 Response to Question 07.08-2
367	7	7.8	Editorial
368	8	8.1, 8.2, 8.3, 8.4	Editorial
369	. 8	8.1	Editorial
370	8	8.1	Editorial / Delete the"emergency" from EUPS name - per Acronym list, it should be
371	8	8.1	Class 1E uninterruptible power supply Correction - minor / Clarification of wording wrt compliance with RGs and industry
	0		standards for design of electrical systems
372		8.1, 8.3	RAI / Changes to FSAR associated with RAI Batch #11- in accordance with RAI Responses #08.03.01-12 and 08.03.01-16
373	8	8.1, 8.2, 8.3	Editorial / Some editorial comments and clarification
374		8.2.2.4	RAI / Changes to FSAR associated with RAI Batch #9- in accordance with RAI Response #08.01-3
375	8	8.2, 8.3	Editorial / Error in table placement, re-location and renumbering required
376	8	8.2	Editorial
377	8	8.3, 8.4	Editorial / Deletions referencing technical specifications
. 378	8	8.3.1.1	Editorial / Replace 'Diesel Building' with 'Emergency Power Generating Building'
379	8	8.3	RAI / Changes associated with RAI Batch #11, Suppl 2, Response to Questions 08.03.01-1 and 08.03.02-5
380	8	8.3.1.1	RAI / Changes associated with RAI Batch #110, Suppl 1, Response to Question 16-237
381	8	8.3.1	RAI / Changes associated with RAI Batch #11, Suppl 1, Response to Questions 08.03.01-5 and 08.03.01-6
382	8	8.3.1.1	RAI / Changes associated with RAI Batch #128, Suppl 1, Response to Question 14.03.06-18
383	8	8.3	RAI / Changes associated with RAI Batch #183, Suppl 1, Response to Questions 8.3.1-20, 8.3.1-22
384	8	8.3.1.3.8	Editorial / Reference to Table 8.3-4 changed to Figure 8.3-4 - [[Typical Station Grounding Grid]]
385	8	8.3.2.3	RAI / Changes associated with RAI Batch #116, Response to Question 14.03.06-6
386	8	8.3.2.3.2	Correction - minor /delete reference to "close and latch ratings" - based on RAI-related review

ltem	Chapter	Subsection	Type of Change
387	8	8.3	Correction - minor / Change to EDG nominal loads in Tables 8.3-4 thru 8.3-7 based
	-	Tables 8.3-4	on vendor info - (1) increase rating of KLC fans KLC41/42AN001 from 7 hp to 9 hp
i i		thru 8.3-7	and change to sequenced load from manually connected load (and revise load
İ			subtotals), and (2) decrease ESW UHS fans rating from 300 hp to 250 hp - per
			WebCAP CR-2008-2658
388	8	8.3	Correction - minor / Correction of Alternate Feed Load kW number
389	8	8.3	Correction - minor / Correction of Atternate reed Load kW number
303		Table 8.3-11	change 3616 AH at 12-hour rate to 1808 AH
390	8	8.3	Correction - minor / Fix typographical errors in figures — per WebCAP CR 2008-
330	J	Figures 8.3-2	6833
		(Sht 3 of 3),	0000
	-		
		8.3-3 (Sht 1 of	
١,		4, Sht 3 of 4), &	•
		8.3-5	
391	8	8.3	Editorial
392	8	8.3	RAI / Changes associated with RAI Batch #RAI 70, Supp. 1, Response to Question
002		0.0	08.03.01-17
393	8	8.3	Correction - minor / Fix normal power supply non-class 1E 480V load center in
555	٠,	6.3 Figure 8.3-3	drawing
394		8.4.1.1	RAI / Changes associated with RAI Batch #RAI 116, Response to Question
394	8	0.4.1.1	
205	8	8.4.2.6	14.03.06-7 RAI / Changes associated with RAI Batch #RAI 70, Suppl 1, Response to Question
395	8	8.4.2.6	
000			08.04-7
396	8	8.4.1.4	Editorial / Add reference to NUMARC87-00 as a source for the testing interval
			frequency for the SBODGs of every 3 months
397	8 .	8.4.3	Editorial / Update references in 8.4 for consistency with other reference sections
398	. 8	8.4.2.6	RAI / Changes associated with RAI Batch #216, Response to Question 08.04-9
399	8	8.4	Editorial
400	9	9.1	RAI / Changes associated with RAI Batch # 84, Suppl 2, Response to Questions
			09.01.02-2 and 09.01.02-11
401	9	9.1	RAI / Changes associated with RAI Batch #RAI 84, Suppl 1, Response to Question
		'	09.01.02-7
402	9	9.1	RAI / Changes associated with RAI Batch #RAI 84, Suppl 1, Response to Question
			09.01.02-16
403	9	9.1	RAI / Changes associated with RAI Batch #86, Response to Question 09.01.02-20
	-		
404	9	9.1	RAI / Changes associated with RAI Batch #84, Response to Questions 09.01.02-4,
	-	 .	09.01.02-8, 09.01.02-10
405	9	9.1	RAI / Changes associated with RAI Batch #87, Suppl 1, Response to Question
	ا	U. 1	09.01.03-4
406	9	9.1	RAI / Changes associated with RAI Batch #86, Response to Question 09.01.03-3
700	9	J. 1	To a changes associated with the batch #00, Nesponse to Question 03.01.05-3
407	9	9.1	PAL/Changes accepted with PALPotah #97 Peanance to Ougstion CO 04 03 C
407	. 8	9.1	RAI / Changes associated with RAI Batch #87, Response to Question 09.01.03-6
400			DALI Changes conscieted with DALD-tal 407 December 1 0 0 1 00 5
408	9	9.1	RAI / Changes associated with RAI Batch #87, Response to Question 09.01.03-5
455			B.1/0
409	9	9.1	RAI / Changes associated with RAI Batch #87, Response to Question 09.01.03-8
410	9	9.1	RAI / Changes associated with RAI Batch #87, Suppl 2, Response to Question
L			09.01.03-7
411	9	9.1	RAI / Changes associated with RAI Batch #131, Response to Question 09.01.04-2
412	9	9.1	RAI / Changes associated with RAI Batch #131, Suppl 3, Response to Questions
		·	09.01.04-1b, 09.01.04-4, 09.01.04-8
413	9	9.1	RAI / Changes associated with RAI Batch #173, Response to Questions 09.01.05-2,
			09.01.05-3
I			·

Item	Chapter	Subsection	Type of Change
414	9	9.1.2	Correction - minor / Clarify minimum boric acid concentration in spent fuel pool - per
			WebCAP 2008-3516
415	9	9.1.3	Editorial
416	9	9.1.3	Editorial
417	9	9.1.3	Correction - moderate / Technical Issue concerning the normal mode of refueling -
			shuffle vs. full-core offload - per WebCAP#2008-1846.
418	9	9.1.4	Editorial / Correct cross-reference to cask drop accidents based on change in
			Chapter 15 - this is now discussed in Section 15.0.3 (per March 2007 update to SRP
			15.0.3); replace cross-reference to 15.7 with 15.0.3.10.
419	9	9.1.5	Correction - minor / Add clarification wording to design bases of 9.1.5 as follows:
			"The control of heavy loads in the Fuel Building meets the guidance presented in RG
			1.13, position C.5."
420	9	9.1.5	Editorial
421	9	9.1.5	Editorial / Correct cross-reference to cask drop accidents based on change in
			Chapter 15 - this is now discussed in Section 15.0.3 (per March 2007 update to SRP
			15.0.3); replace cross-reference to 15.7 with 15.0.3.10.
422	. 9	9.2	RAI / Changes associated with RAI Batch #131, Suppl 1, Response to Question
			09.02.01-25
423	9	9.2.1	RAI / Changes associated with RAI Batch #119, Suppl 3, Response to Question
	-		09.02.01-24
424	9	9.2.1.4.1	Correction - minor / Clarification to indicate that during standby, the divisions not in
\			operation are aligned for normal operation (i.e., manual valves in the main line are
			open)"
425	9	9.2	RAI / Changes associated with RAI Batch #119, Suppl 1, Response to Questions
120		0.2	09.02.01-1, 09.02.01-2, 09.02.01-4 (parts g and k), 09.02.01-9 and 09.02.01-11
		*	00.02.01-1, 00.02.01-2, 00.02.01-4 (parts g and ty), 00.02.01-0 and 00.02.01-11
426	9	9.2	RAI / Changes associated with RAI Batch #119, Response to Question 09.02.01-13
720	ا	J.Z	To it? Orlanges associated with the batch #110, 11csponse to Question 65.52.51-15
427	9	9.2	RAI / Changes associated with RAI Batch #174, Response to Questions
72.1	١ ٠	J.2	09.02.02-10(a), 09.02.02-10(c), 09.02.02-10(d) and 09.02.02-17
428	9	9.2	RAI / Changes associated with RAI Batch #174, Suppl 2, Response to Questions
720		0.2	09.02.02-11, 09.02.02-16, 09.02.02-18, 09.02.02-19, 09.02.02-25, 09.02.02-30,
			09.02.02-34
429	9	9.2	RAI / Changes associated with RAI Batch #87, Suppl 3, Response to Question
720		0.2	09.02.04-1
430	9 .	9.2	RAI / Changes associated with RAI Batch #119, Suppl 1, Response to Question
100	· ·	J.L	09.02.01-7
431	9	9.2.1	Editorial / Figure cleanup (Change component symbol, remove flanges, remove
751	ا "	Figure 9.2.1-1	redundant building walls)
		(Sheet 1 of 4)	Todalidan bunding waits)
432	9	9.2.1	Editorial
433	9	9.2.2	Editorial
434	9	9.2.5	Correction - minor / Add clarification wording to design bases of 9.2.5 to include
. 104	9	J.L.J	reference to GDC46 as follows: "The UHS is designed to permit operational
		•	functional testing of safety-related components to ensure system operability (GDC
			46)."
435	9	9.2.5	Editorial
436	9	9.2.7	Editorial
437	9.	9.2	RAI / Changes associated with RAI Batch #163, Suppl 1, Response to Questions
101	J.	· · ·	09.02.02-1, 09.02.02-3, 09.02.02-4 (Parts 1, 3, 4,and 5), 09.02.025 (Parts 1, 2 and
			4), 09.02.02-6
438	9	9.2	RAI / Changes associated with RAI Batch #169, Response to Question 09.02.05-2
400	٦	3.4	Trait officinges associated with trait batter #105, tresponse to Question 08.02.00-2
439	9	9.3	RAI / Changes associated with RAI Batch #84, Response to Question 09.03.01-1
408		3. 3	Tranz changes associated with that batter #04, Response to Question 08.05.01-1
440	9	9.3.1	Correction - minor / Updated Figure 9.3.1-2 (Compressed Air System) to reflect most
		Figure 9.3.1-2	recent design changes - per WebCAP 2008-1471
441	9	9.3.2	Editorial / revise cross-reference to Tech Specs
441	_ 8	<u> შ.პ.</u> ∠	Luttorial / Tevise cross-reference to Tech Specs

Item	Chapter	Subsection	Type of Change
442	9	9.3	RAI / Changes associated with RAI Batch #113, Suppl 1, Response to Question
			09.03.02-8
443	9	9.3	RAI / Changes associated with RAI Batch #113, Response to Questions 09.03.02-2, 09.03.02-3, 09.03.02-5, 09.03.02-7
444	9	9.3	RAI / Changes associated with RAI Batch #127, Suppl 1, Response to Question 14.02-54
445	9	9.3.2	Correction- minor / Add pH monitors to the samples taken from the SG Blowdown
	_	Table 9.3.2-2	system [per EPRI recommendations].
446	9	9.3	RAI / Changes associated with RAI Batch #131, Supp1, Response to Question 09.02.01-25
447	9	9.3	RAI / Changes associated with RAI Batch #163, Response to Question 09.03.03-1
448	9	9.3.4	Editorial / Revise cross-reference to Tech Specs
449	9	9.3	RAI / Changes associated with RAI Batch #125, Response to Questions 09.03.04-1, 09.03.04-2, 09.03.04-3, 09.03.04-4, 09.03.04-7, 09.04.03-12, 09.03.04-13, 09.03.04-14, 09.03.04-18
450	9	9.3.4	Editorial / Provide clarification and cross-reference for how the CVCS mitigates a reactor coolant inventory increase event (refer to Section 15.5.2) and how the CVCS
451	9	9.3	mitigates a boron dilution event (refer to Section 15.4.6) RAI / Changes associated with RAI Batch #163, Suppl 1, Response to Question
			09.02.02-5 (Parts 1 and 3)
452	9	9.3.4	Editorial / Figure cleanup (Wrong HX type)
		Figure 9.3.4-1	
450		(Sheet 6 of 9)	
453	9	9.3.4 Figure 0.3.4.2	Editorial / Figure cleanup (Correct line symbol) Should be sludge
		Figure 9.3.4-2 (Sheet 2 of 5)	
454	9	9.3.4	Editorial / Figure cleanup (Correct line symbol). Should be sludge
704		9.3.4 Figure 9.3.4-2	Latendry (openior into symbol). Offould be studye
		(Sheet 4 of 5)	
455	9	9.3.4	Editorial / Figure cleanup (Correct line symbol). Should be sludge
		Figure 9.3.4-2	
		(Sheet 5 of 5)	
456	9	9.4.1	RAI / Changes associated with RAI Batch #89, Suppl 1, Response to Question 06.04-3
457	9	9.4.1	RAI / Changes associated with RAI Batch #89, Response to Question 06.04-4
458	9	9.4	RAI / Changes associated with RAI Batch #135, Suppl 1, Response to Questions 09.04.05-1.1, 09.04.05-1.2, 09.04.05-1.3, 09.04.05-1.4, 09.04.05-1.5, 09.04.05-1.7 and 09.04.05-1.13
459	9	9.4.1	Correction - minor / Add clarification wording to design bases of 9.4.1 (CRACS) as follows: "Consideration of the environmental and dynamic effects of internal and external missiles and postulated piping failures on the CRACS is addressed in Section 3.5.1.1, Section 3.5.2, and Section 3.6.1."
460	9	9.4.1.2.3	RAI / Changes associated with RAI Batch #89, Suppl 1, Response to Question 06.04-3
461	9	9.4.2	Correction - minor / Add clarification wording to design bases of 9.4.2 (FBVS) as follows: "RG 1.52 is not applicable because the FBVS is not required to operate during post-accident engineered safety features (ESF) atmospheric cleanup."
462	9	9.4.2 Figure 9.4.2-1	Editorial / Figure cleanup (Correct heater symbol)
463	9	9.4.3 Figure 9.4.3-1	Editorial / Figure cleanup (Correct heater symbol and impact separators)
464	9	9.4.3 Figure 9.4.3-5	Editorial / Figure cleanup (Correct HEPA filters - rotate 180 degrees)
465	9	9.4.5	RAI / Changes associated with RAI Batch #135, Response to Question 09-04.05-1

Item	Chapter	Subsection	Type of Change
466	9	9.4.5	Correction - minor / Add clarification wording to design bases of 9.4.5 (SBVS) as
			follows: "Refer to Section 3.5.1.1, Section 3.5.1.4, Section 3.5.2, and Section 3.6.1
		·	for information on compliance with GDC 4 as it relates to protection from missiles and
		<u> </u>	postulated piping failures."
467	9	9.4.5	Editorial
468	9	9.4.5	Editorial / Standardization of how references are cited
469	9	9.4.6	Editorial
470	9	9.4.6	Editorial / Figure cleanup (Correct heater symbol)
		Figure 9.4.6-1	
471	9	9.4.6	Editorial / Figure cleanup (Correct heater symbol)
		Figure 9.4.6-3	
472	9	9.4.7	Editorial
473	9	9.4.7	Editorial / Figure cleanup (Rotate HEPA Filters 180 degrees and change flow
		Figure 9.4.7-2	element from "F" to "FE")
474	9	9.4.7	Editorial / Figure cleanup (Rotate HEPA Filters 180 degrees and change flow
		Figure 9.4.7-3	element from "F" to "FE")
475	9	9.4.7	Editorial / Figure cleanup (Correct damper symbol and impact separators)
		Figure 9.4.7-4	
476	9	9.4.8	Editorial
477	9	9.4.8	Editorial / Figure cleanup (Correct heater symbol and impact separators)
		Figure 9.4.8-1	
478	9	9.4.9	Editorial
479	9	9.4.10	Editorial
480	9	9.4.12	Editorial
481	9	9.4.12	Editorial / Figure cleanup (Correct symbol for HX and impact separators)
		Figure 9.4.12-1	
482	9	9.4.13	Editorial .
483	9	9.4.14	Editorial / Figure cleanup (Correct symbol for heater and impact separators; add KLD
		Figure 9.4.14-1	to KKS legend)
484	9	9.5	RAI / Changes associated with RAI Batch #25, Response to Questions 09.05.01-39,
			09.05.01-41, 09.05.01-43 thru 48, 09.05.01-50, 09.05.01-52
485	9	9.5	RAI / Changes associated with RAI Batch #25, Suppl 1, Response to Questions
•			09.05.01-37 and 09-05.01-53
486	9	9.5	Correction - minor / Add paragraph to address compliance with NFPA 804; wording is
			consistent with guidance in RG 1.189
487	9	9.5	RAI / Changes associated with RAI Batch #151, Response to Questions
		* **	09.05.01-54, 09.05.01-57, 09.05.01-59, 09.05.01-61, 09.05.01-62, 09.05.01-64,
			09.05.01-65
488	9	9.5	RAI / Changes associated with RAI Batch #169, Response to Question 09.02.01-67
489	9	9.5	RAI / Changes associated with RAI Batch #196, Response to Question 09.05.01-68
		• •	
490	9	9.5	RAI / Changes associated with RAI Batch #114, Response to Question 09.05.03-20
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491	9	9.5	RAI / Changes associated with RAI Batch #152, Response to Questions 09.05.04-9,
			09.05.04-10, 09.05.04-16
492	9	9.5	RAI / Changes associated with RAI Batch #152, Suppl 1, Response to Questions
			09.05.04-7, 09.05.04-11, 09.05.04-13
493	9	9.5	RAI / Changes associated with RAI Batch #159, Suppl 1, Response to Question
	<u> </u>		09.05.05-1
494	9	9.5	RAI / Changes associated with RAI Batch #159, Response to Questions 09.05.05-3,
			09.05.05-5
495	9	9.5	RAI / Changes associated with RAI Batch #131, Suppl 2, Response to Questions
			09.05.06-1, 09.05.06-2, 09.05.06-5, 09.05.06-8
496	9	9.5	RAI / Changes associated with RAI Batch #131, Response to Question 09.05.06-3
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item	Chapter	Subsection	Type of Change
497	9	9.5	RAI / Changes associated with RAI Batch #87, Suppl 4, Response to Question 09.05.07-2
498	9	9.5	RAI / Changes associated with RAI Batch #87, Suppl 2, Response to Question 09.05.07-5
499	9	9.5	RAI / Changes associated with RAI Batch #87, Response to Questions 09.05.07-6 and 09.05.07-10
500	9	9.5	RAI / Changes associated with RAI Batch #74, Suppl 2, Response to Question 16-28
501	9	9.5	RAI / Changes associated with RAI Batch #145, Response to Questions 09.05.08-4, 09.05.08-5 and 09.05.08-8
502	9	9.5	RAI / Changes associated with RAI Batch #145, Supp1, Response to Questions 09.05.08-1, 09.05.08-2, 09.05.08-6, 09.05.08-9 and 09.05.08-10
503	9	9.5.1	RAI / Changes to FSAR associated with RAI Batch #20 - in accordance with RAI
		*	Responses #09.05.01-1, 09.05.01-2, 09.05.01-3, 09.05.01-9, 09.05.01-10,
-			09.05.01-11, 09.05.01-13, 09.05.01-14, 09.05.01-15, 09.05.01-16, 09.05.01-17,
		•	09.05.01-19, 09.05.01-20, 09.05.01-21, 09.05.01-22, 09.05.01-33, 09.05.01-34, and
	. :	•	09.05.01-35
504	9	9.5.1	Correction - minor / Correct Date of NFPA Codes in References
505	9	9.5.1	Editorial / Figure cleanup (Show diesel fuel lines and double lines)
505	9	9.5.1 Figure 9.5.1-1	Cultorial / Figure clearlup (Show dieser rue) lines and double lines)
500		(Sheet 2 of 13)	Editorial (Figure cleanus (Datata cofety relief velve 00 degrees)
506	9	9.5.1	Editorial / Figure cleanup (Rotate safety relief valve 90 degrees)
		Figure 9.5.1-1	
		(Sheet 8 of 13)	
507	9	9.5.2	RAI / Changes to FSAR associated with RAI Batch #36 - in accordance with RAI Responses 09.05.02-5, 09.05.02-6, and 09.05.02-11
508	9	9.5.2	RAI / Correction of Regulatory citation - NRC courtesy notification during RAI clarification call on 7/24 (NOTE: SRP also has typing error)
509	9	9.5.3	RAI / Changes to FSAR associated with RAI Batch #19 - in accordance with RAI Responses 9.5.3-5, 9.5.3-9, 9.5.3-11, 9.5.3-16, & 9.5.3-17
510	9	9.5	RAI / Changes associated with RAI Batch #74, Suppl 1 Response to Question 16-29
511	9	9.5.4	Editorial
512	9	9.5.5	Editorial
513	9	9.5.5	Editorial / Figure cleanup (Correct symbol for HX)
		Figure 9.5.5-1 (Sheet 1 of 2)	
514	9	9.5.6	Editorial
515	9	9.5.7	Editorial
516	9	9.5.7	Editorial / Figure cleanup (Correct symbol for HX and remove redundant pressure
		Figure 9.5.7-1	transmitters)
517	9	9.5.8	Editorial
518	9	9A	Editorial / SUNSI - Delete OUO note on bottom of selected public pages
519	9	9A	Editorial
520	9	9A.4	Editorial / Delete IEEE 383 reference (not in App. 9A)
521	9	9A	RAI / Changes to FSAR associated with RAI Batch #20 - in accordance with RAI Response 09.05.01-20
522	9	9A	RAI / Changes associated with RAI Batch #20, Suppl 1 Response to Question 09.05.01-4
523	9	9A	RAI / Changes associated with RAI Batch #151, Response to Questions 09.05.01-55, 09.05.01-56, 09.05.01-64
524	10	10.1	RAI / Changes associated with RAI Batch #91, Suppl 3, Response to Questions 91-S3, 100-S2, 106-S1
525	10	10.1	RAI / Changes associated with RAI Batch #100, Suppl 2, Response to Questions 91-S3, 100-S2, 106-S1
526	10	10.1	RAI / Changes associated with RAI Batch #106, Suppl 1, Response to Questions 91-S3, 100-S2, 106-S1
527	10	10.1.3	Editorial
UZ1	,,,,	10.1.0	1 Editoria

ltem	Chapter	Subsection	Type of Change
528	10	10.2.2	Editorial / Correct typo -delete number '18'
529	10	10.2	RAI / Changes associated with RAI Batch #91, Suppl 3, Response to Questions 91-S3, 100-S2, 106-S1
530	10	10.2	RAI / Changes associated with RAI Batch #100, Suppl 2, Response to Questions 91-S3, 100-S2, 106-S1
531	10	10.2	RAI / Changes associated with RAI Batch #106, Suppl 1, Response to Questions 91-S3, 100-S2, 106-S1
532	10	10.2	RAI / Changes associated with RAI Batch #91, Suppl 1 Response to Question 10.02-2
533	10	10.2	RAI / Changes associated with RAI Batch #91, Suppl 3, Response to Question 10.02-4
534	10	10.2.3	RAI / Changes to FSAR associated with RAI Batch #18 - in accordance with RAI Response 03.05.01.03-01
535	10	10.2	RAI / Changes associated with RAI Batch #100, Suppl 1 Response to Questions 10.02.03-1 thru 3, 10.02.03-5 thru 7
536	10	10.2	RAI / Changes associated with RAI Batch #100, Response to Questions 10.02.03-14
537	10	10.3	RAI / Changes associated with RAI Batch #101, Response to Question 16-86
538	10	10.3	RAI / Changes associated with RAI Batch #106, Response to Questions 10.3-1 (Part I, Part II and Part IV)
539	10	10.3	RAI / Changes associated with RAI Batch #127, Suppl 1, Response to Question 14.02-54
540	10	10.3	RAI / Changes associated with RAI Batch #44, Suppl 1 Response to Question 10.03.06-1
541	10	10.3	RAI / Changes associated with RAI Batch #44, Suppl 1 Response to Question 10.03.06-5
542	- 10	10.3	RAI / Changes associated with RAI Batch #165, Response to Questions 10.03.06-7, 10.03.06-8, 10.03.06-9, 10.03.06-10
543	10	10.3	RAI / Changes associated with RAI Batch #44, Suppl 1 Response to Question 10.03.06-3
544	10	10.3	RAI / Changes associated with RAI Batch #44, Suppl 1 Response to Question 10.03.06-4
545	10	10.3	RAI / Changes associated with RAI Batch #91, Suppl 3 Response to Questions 91-S2, 100-S2, 106-S1
546	10	10.3	RAI / Changes associated with RAI Batch #100, Suppl 2 Response to Questions 91-S2, 100-S2, 106-S1
547	10	10.3	RAI / Changes associated with RAI Batch #106, Suppl 1 Response to Questions 91-S2, 100-S2, 106-S1
548	10	10.3.1 Figure 10.3-1 (Sheet 1 of 2)	Editorial / Figure cleanup (Change flow element from "F" to "FE", and fix penetrations)
549	10	10.4	RAI / Changes associated with RAI Batch #127, Suppl 1, Response to Question 14.02-54
550	10	10.4	RAI / Changes associated with RAI Batch #112, Suppl 1, Response to Question 10.04.3-1
551	10	10.4	RAI / Changes associated with RAI Batch #83, Response to Questions 10.04-05-1, 10.0407-3, 10.04.01-1, 10.04.02-1, 10.04.07-1, 10.04.09-6, 10.04.09-11, 10.04.09-8,
		·	10.04.09-2, 10.04.09-3, 10.04.09-7
552	10	10.4	RAI / Changes associated with RAI Batch #91, Suppl 3 Response to Questions 91-S2, 100-S2, 106-S1
553	10	10.4	RAI / Changes associated with RAI Batch #100, Suppl 2 Response to Questions 91-S2, 100-S2, 106-S1
554	10	10.4	RAI / Changes associated with RAI Batch #106, Suppl 1 Response to Questions 91-S2, 100-S2, 106-S1

Item	Chapter	Subsection	Type of Change
555	10	10.4	RAI / Changes associated with RAI Batch #83, Suppl 1 Response to Question
		10.1	10.04.09-1
556	10	10.4	RAI / Changes associated with RAI Batch #83, Suppl 4 Response to Question
			10.04.09-5
557	10	10.4.5	Editorial / Change figure title (title listed in text is correct)
,	1.	Figure 10.4.5-1	
558	10	10.4.7	Editorial / Figure cleanup (Correct symbol for angle check valves, fix penetrations)
		Figure 10.4.7-1	
		(Sheet 2 of 2)	
		•	
559	10	10.4.8	Revise S/G Blowdown System (LCQ) figures - editorial and for consistency with other
			FSAR figures, delete maintenance and testing lines and valves, consolidation of
		(Sht 2 of 3),	duplicate design areas, and editorial change to title of Fig. 10.4.8-2 per WebCAP
		Figure 10.4.8-1	2008-6141-CR
		(Sht 3 of 3),	
	100	Figure 10.4.8-2	
		(Shts 1 - 4)	
560	10	10.4.8	Editorial / Figure cleanup (Correct line symbol)
		Figure 10.4.8-2	
	. 1	(Sht 2 of 4)	
561	10	10.4.8	Editorial / Figure cleanup (Correct line symbol)
		Figure 10.4.8-2	
		(Sht 3 of 4)	
562	10	10.4.8	Correction - minor / Figure change - See WebCAP 2008-3924-CR - piping routing
		Figure 10.4.8-2	
		(Sht 3 of 4)	
563	10	10.4.9.4	Editorial / Clarification of reference to technical specifications (Ch16)
564	11	11.1.2.2	Correction - minor / Clarify text to reflect a response to a Chapter 12 RAI (RAI Batch
			150, Question 12.02-1). The RAI response should have also updated this wording in
			Chapter 11 concerning the shielding evaluation source term for normal operations.
565	11	11	Editorial / Editorial changes from "page turn"
566	. 11	11	Editorial
567	11.	11.2	RAI / Changes associated with RAI Batch #105, Suppl 1, Response to Question
			11.02-3
568	11	11.2	Correction - moderate / Delete reference to NEI Generic Cost Benefit Analysis - NEI
			07-11 is no longer being reviewed by NRC - also add COL item to compare typical
			site against specific COL applicant's site
569	11	11.2	Editorial / Figure cleanup (Correct Design Area Table)
		Figure 11.2-1	
570	11	11.2	Editorial / Figure cleanup (Correct Design Area Table, and centrifuge symbol)
		Figure 11.2-2	
571	11	11.2	Editorial / Figure cleanup (Correct Design Area Table)
1		Figure 11.2-3	
572	11	11.3	RAI / Changes associated with RAI Batch #105, Response to Question 11.03-2
2			
573	11	11.3	Correction - moderate / Delete reference to NEI Generic Cost Benefit Analysis - NEI
			07-11 is no longer being reviewed by NRC - also add COL item to compare typical
		·	site against specific COL applicant's site
574	11	11.3	RAI / Changes to FSAR associated with RAI Batch #10 - updated annual average
		Table 11.3-7	X/Q value for consistency with Table 2.1-1 and 11.3-4 - in accordance with RAI
-			Response to 02.03.05-4
575	11	11.3	Editorial / Figure cleanup (Correct Design Area Table from SI to I; correct
		Figure 11.3-1	compressor orientation)
576	11	11.5.4.6	Editorial / Clarification of reference to technical specifications (Ch16)
577	11	11.4	RAI / Changes associated with RAI Batch #105, Response to Questions 11.04-1,
			11.04-2
578	12	12	Editorial
			· · · · · · · · · · · · · · · · · · ·

ltem	Chapter	Subsection	Type of Change
579	12	12.5	RAI / Changes associated with RAI Batch #192, Response to Question 12:05-1
580	12	12.1, 12.3	RAI / Changes associated with RAI Batch #164, Suppl 1, Response to Question 12.03-12.04-8
581	12	- 12.3	RAI / Changes associated with RAI Batch #105, Response to Question 11.04-4
582	12	12.3	RAI / Changes associated with RAI Batch #150, Response to Questions 12.02-1(2), 12.03-12.04-7, 12.03-12.04-5(2)
583	12	12	Editorial
584	12	12.2	RAI / Changes associated with RAI Batch #150, Response to Question 12.02-2(b)
585	12	12.3	RAI / Changes associated with RAI Batch #136, Suppl 1, Response to Question 12.03-12.04-2
586	12	12.3	RAI / Changes associated with RAI Batch #43, Suppl 2, Response to Question 14.03.08-1
587	12	12.3 Figure 12.3-72	
588	12	12.3 Figure 12.3-73	
589	12		Editorial / Figure cleanup (Correct lines through grates, impact separators, include Design Area Table)
590	12	12.5	RAI / Changes associated with RAI Batch #214, Response to Question 12.05-2
591	13	13.5.2.1.1	Editorial Control of the Control of
592	13	13.6	RAI / Changes associated with RAI Batch #42, Response to Question 14.03.12-1
593	13	13.6	Correction - minor / Fix FSAR markup for 13.6 - Items 1 and 4 from RAI 42, Supplement 1. The sentences were incomplete as originally written in the RAI response.
594	14	14.2	RAI / Changes to FSAR associated with RAI Batch #16 in accordance with RAI Responses to 14.02-2 thru 14.02-4, and 14.02-6 thru 14.02-17
595	14	14.2	RAI / Changes associated with RAI Batch #143, Suppl 1, Response to Question 14.02-64
596	14	14.2.10.2	RAI / Changes associated with RAI Batch #68, Suppl 1, Response to Question 14.02-23
597	14	14.2.11	RAI / Changes associated with RAI Batch #189, Response to Question 14.2-95
598	14	14.2.12	RAI / Changes associated with RAI Batch #87, Suppl 2, Response to Question 09.01.03-10
599	. 14	14.2	RAI / Changes associated with RAI Batch #68, Response to Questions 14.02-19, 14.02-20, 14.02-21, 14.02-22, 14.02-24, 14.02-25, 14.02-26, 14.02-27, 14.02-29 and 14.02-30
600	14	14.2	RAI / Changes associated with RAI Batch #98, Response to Questions 14.02-39, 14.02-41, 14.02-42, 14.02-44, 14.02-45, 14.02-46, 14.02-47, 14.02-48, 14.02-49, 14.02-51
601	14	14.2	RAI / Changes associated with RAI Batch #158, Response to Questions 14.02-80, 14.02-83, 14.02-84, 14.02-86, 14.02-87, 14.02-88, 14.02-89, 14.02-90, 14.02-91
602	14	14.2.12.3.14	RAI / Changes associated with RAI Batch #117, Response to Question 05.04.11-7
603	14	14.2.12.5.8	RAI / Changes associated with RAI Batch #176, Response to Question 14.02-94
604	14	14.2.12.8.10	RAI / Changes associated with RAI Batch #89, Response to Question 06.04-4
605	14	14.2.12.13	RAI / Changes associated with RAI Batch #11, Suppl 1, Response to Question 08.03.01-7
606	14	14.2	RAI / Changes associated with RAI Batch 144, Response to Questions 14.02-73, 14.02-74 and 14.02-75
	14	14.2	RAI / Changes associated with RAI Batch 77, Response to Questions 14.02-33 and

Item	Chapter	Subsection	Type of Change
608	14	14.2	RAI / Changes associated with RAI Batch 77, Suppl 1, Response to Question
			14.2-32
609	14	14.2	RAI / Changes associated with RAI Batch #143, Response to Questions 14.02-61, 14.02-62, 14.02-63, 14.02-66, 14.02-67, 14.02-68, 14.02-70, 14.02-71
610	14	14.2	RAI / Changes associated with RAI Batch #85, Suppl 1, Response to Question 14.02-36
611	14	14.2.12.5.5	RAI / Changes associated with RAI Batch #174, Suppl 2, Response to Question 09.02.02-23
612	14	14.2	RAI / Changes associated with RAI Batch #127, Response to Questions 14.02-52, 14.02-53, 14.02-55, 14.02-57, 14.02-58, 14.02-59
613	14	14.2.12.3.6	RAI / Changes associated with RAI Batch #85, Response to Question 14.02-35
614	14	14.2.12.9.16	RAI / Changes associated with RAI Batch #87, Response to Question 09.05.07-9
615	14	14.2	RAI / Changes associated with RAI Batch #145, Response to Question 09.05.08-7
616	14	14.2	Correction- minor / Miscellaneous editorial clarifications and corrections/deletions of some items[for Test #14 - delete 'throttle capability of the discharge valve shall be verified over its full operating range";for Test #15 - delete 2.6 prerequisite, and requirement to "verify the setpoint of LTOP relief valves (3.7), and data item #4.5; for Test#225, delete Test items 3.3 and 3.4 since these are not associated with NRC requirements for potable and sanitary water].
617	14	14.2	Editorial / Clarification of reference to technical specifications (Ch16)
618	14	14.2	Editorial change to wording of COL items for circulating water supply system and cooling tower [to state provide site-specific "test abstract" information]; add COL item that was inadvertently omitted for the raw water supply system.
619	14	14.2.12.8.10	RAI / Changes associated with RAI Batch #RAI 135, Suppl 1, Response to Question 09.04.05-1.1
620	14	14.2.12.9.16	RAI / Changes associated with RAI Batch #RAI 131, Response to Question 09.05-06-6
621	14	14.2.12.11.7	RAI / Changes associated with RAI Batch #RAI 36, Suppl 1 Response to Question 09.05-02-10
622	14		RAI / Changes associated with RAI Batch #91, Suppl 1 Response to Question 10.022
623	14		RAI / Changes associated with RAI Batch #09, Suppl 1, Response to Question 08-02-6
624	14	14.2.12	RAI / Changes associated with RAI Batch #134, Response to Question 04.03-16
625	14	14.2.12	RAI / Changes associated with RAI Batch #46, Suppl 1, Response to Question 14.02-18
626	14	14.2.12.12	RAI / Changes associated with RAI Batch #106, Response to Question 10.3-1 (Part III)
627	14	14.2.12.21.4	RAI / Changes associated with RAI Batch #216, Response to Question 08.02-7
628	14	14.3.2	RAI / Changes associated with RAI Batch #116, Response to Question 14.03.06-12
629	14	14.3.2	RAI / Changes associated with RAI Batch #43, Suppl 2, Response to Question 14.03.08-1
630	14	14.2, 14.3	Editorial
631	14	14.2, 14.3	Editorial / Correct system name and acronym for ventilation system for SBO Diesels (should be Switchgear Building Ventilation System - SGBVS), and ITP
632	14		Editorial
633	14	14.2	RAI / Changes associated with RAI Batch #127, Response to Question 14.02-54
634	14	14.3.5	RAI / Changes associated with RAI Batch #115, Response to Question 14.03.02-9
635	14	14.3, Table 14.3-1	RAI / Changes associated with RAI Batch #123 Response to Question 14.03.03-9

14	ltem	Chapter	Subsection	Type of Change
Table 14.3-1				
14				
14	637	14		RAI / Changes associated with RAI Batch #78 Response to Questions 14.03.05-5
Table 14.3-2, Table 14.3-6 14 14.3 Table 14.3-7 640 14 14.3 Table 14.3-7 641 15 15 Editorial / Torrect typo - Item # in Table 14.3-4 should be 4-11 rather than 14-11. Table 14.3-7 642 15 15 Correction - minor / Editorial & minor corrections; these are also included in list of Table 15.1-11, Table 15.1-11, Table 15.1-11, Table 15.1-15, Table 15.1-16, Table 15.0-18, Table 15.0-19, Table 15.1-10, Table 15.1-10, Table 15.1-10, Table 15.1-10, Table 15.1-10, Table 15.1			Table 14.3-8	1
Table 14.3-2, Table 14.3-6 14 14.3 Table 14.3-7 640 14 14.3 Table 14.3-7 641 15 15 Editorial / Torrect typo - Item # in Table 14.3-4 should be 4-11 rather than 14-11. Table 14.3-7 642 15 15 Correction - minor / Editorial & minor corrections; these are also included in list of Table 15.1-11, Table 15.1-11, Table 15.1-11, Table 15.1-15, Table 15.1-16, Table 15.0-18, Table 15.0-19, Table 15.1-10, Table 15.1-10, Table 15.1-10, Table 15.1-10, Table 15.1-10, Table 15.1	638	14		RAI / Changes associated with RAI Batch #104 Response to Question 14.03.11-2
Table 14.3-6 14 14.3 Table 14.3-7 Editorial / Correct typo - Item # in Table 14.3-4 should be 4-11 rather than 14-11. Table 14.3-7 Editorial / ITAAC Screening Summary Table - Lightning protection Table 14.3-7 Editorial / ITAAC Screening Summary Table - Lightning protection Table 15.1-11, Table 15.1-11, Table 15.1-11, Table 15.2-1, Table			Table 14.3-2,	
14.3 Table 14.3-4 Editorial / Correct typo - Item # in Table 14.3-4 should be 4-11 rather than 14-11. Table 14.3-7 Table 14.3-7 Editorial / ITAAC Screening Summary Table - Lightning protection Table 15.4-7 Table 15.4-7 Editorial / ITAAC Screening Summary Table - Lightning protection Table 15.4-1 Table 15.4-1 Table 15.4-1 Table 15.4-1 Table 15.4-1 Table 15.4-1 Table 15.2-1 Ta				
Table 14.3-4 14 14.3 Table 14.3-7 Editorial / ITAAC Screening Summary Table -Lightning protection Table 14.3-7 Editorial / Formatting Correction - minor / Editorial & minor corrections; these are also included in list of FSAR requested changes from WebCAP 2008-600 [correct 'SG 4' to 'SG 3' in Table 15.1-1, Table 15.1-1, 1-11 for RSRTs row, correct MSRT capacity from '1229.7 pais to '13847, pais [correct train in Table 15.2-1; dielet 1-0w and Low-Low-SG level setpoint delay rows and correct EFW flow rate in Table 15.2-7] RAI / Changes associated with RAI Batch #34, Suppl 1, Response to Question 15-8 RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 1 of 3), Response to Question 15-1 thru 5 RAI / Changes associated with RAI Batch #37, Response to Question 02.03.04-5 RAI / Changes associated with RAI Batch #38, Suppl 4, Response to Question 10.04.09-5 RAI / Changes associated with RAI Batch #38, Suppl 4, Response to Question 10.04.09-5 RAI / Changes associated with RAI Batch #38, Suppl 4, Response to Question 10.04.09-5 EBS for existing blank cells [per Quality Engineering Internal Surveillance FHS-07-05] EBS for existing blank cells [per Quality Engineering Internal Surveillance FHS-07-05] Table 15.0-11 Table 15.0-41 Table	639	14		Editorial / Correct typo - item # in Table 14.3-4 should be 4-11 rather than 14-11.
14.3 Table 14.3-7 Table 15.3-11, Table 15.1-11, Table 15.2-1, Table 15.2		, ,		
Table 14.3-7 15	640	14		Editorial / ITAAC Screening Summary Table -Lightning protection
Editorial / Formatting Correction - minor / Editorial & minor corrections; these are also included in list of Table 15.1-11, Table 15.2-1,				
Correction - minor / Editorial & minor corrections; these are also included in list of Table 15.1-11, Table 15.2-1, Table 15.0-1, Table 15.0				
Table 15.1-11, Table 15.2-1 Table				
Table 15.2-1, Table 15.2-7 train in Table 15.2-1; delete "Low and Low-Low SG level setpoint delay" rows and correct EFW flow rate in Table 15.2-7; drain in Table 15.2-1; delete "Low and Low-Low SG level setpoint delay" rows and correct EFW flow rate in Table 15.2-7.] RAI / Changes associated with RAI Batch #34, Suppl 1, Response to Question 15-8 thru 5 RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 1 of 3), Response to Question 15-1 thru 5 RAI / Changes associated with RAI Batch #37, Response to Question 02.03.04-5 RAI / Changes associated with RAI Batch #83, Suppl 4, Response to Question 10.04.09-5 RAI / Changes associated with RAI Batch #83, Suppl 4, Response to Question 10.04.09-5 Bas for existing blank cells [per Quality Engineering Internal Surveillance FHS-07-05] Correction - minor / Correct transposition of design basis core radionuclide inventories for Y-92 and Y-93 per WebCAP 2008-3060 Correction - minor / Correct Failure mechanism column for 15.5 - Increase in RCS Inventory Events. Per Web 2008-2593, the single failure assumed for these events should be "Closure of one MSRCV when MSRIV opens" rather than "EFW train" consistent with response to RAI #34, Questions 15-1, 150-4 and 15-5. 15	642	15		
Table 15.2-7 train in Table 15.2-1, delete Low and Low-Low SG level setpoint delay rows and correct EFW flow rate in Table 15.2-7] RAI / Changes associated with RAI Batch #34, Suppl 1, Response to Question 15-8 RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 1 of 3), Response to Question 15-1 thru 5 RAI / Changes associated with RAI Batch #37, Response to Question 02.03.04-5 RAI / Changes associated with RAI Batch #37, Response to Question 02.03.04-5 RAI / Changes associated with RAI Batch #38, Suppl 4, Response to Question 10.04.09-5 RAI / Changes associated with RAI Batch #83, Suppl 4, Response to Question 10.04.09-5 Ballo 15.0-8 EBS for existing blank cells [per Quality Engineering Internal Surveillance FHS-07-05] Correction - minor / Correct transposition of design basis core radionuclide inventories for Y-92 and Y-93 per WebCAP 2008-3060 Correction - minor / Correct Failure mechanism column for 15.5 - Increase in RCS Inventory Events. Per Web 2008-2593, the single failure assumed for these events should be "Closure of one MSRCV when MSRIV opens" rather than "EFW train" - consistent with response to RAI #34, Questions 15-1, 150-4 and 15-5. Table 15.0-40 Table 15.0-41, RAI / Changes to FSAR associated with RAI Batch #17 - Corrections to input for Rod Ejection Accident - should indicate 4% of cladding failure for full-rod fuel overheat, rather than 0.4% - in accordance with RAI Response 15.00.03-16 Table 15.0-15.6, Greet failure mechanism for 'Increase in RCS Inventory Events' in Table 15.0-11 from failure of "EFW Train" to "Closure of one MSRCV when MSRIV opens"; row from failure of "EFW Train" to "Closure of one MSRCV when MSRIV opens"; row from failure of "EFW Train" to "Closure of one MSRCV when MSRIV opens"; row from failure of "EFW Train" to "Closure of one MSRCV when MSRIV opens"; row from failure of "EFW Train" to "Closure of one MSRCV when MSRIV opens"; row from failure of "EFW Train" to "Closure of one MSRCV when MSRIV opens"; row from failure of "EFW Train" to "Closure of on				
correct EFW flow rate in Table 15.2-7] RAI / Changes associated with RAI Batch #34, Suppl 1, Response to Question 15-8 RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 1 of 3), Response to Question 15-1 thru 5 RAI / Changes associated with RAI Batch #37, Response to Question 02.03.04-5 RAI / Changes associated with RAI Batch #37, Response to Question 02.03.04-5 RAI / Changes associated with RAI Batch #38, Suppl 4, Response to Question 10.04.09-5 Editorial / Add uncertainty and time delay entries stating "Not Applicable" in table for 10.04.09-5 Editorial / Add uncertainty and time delay entries stating "Not Applicable" in table for 20.00 for existing blank cells [per Quality Engineering Internal Surveillance FHS-07-05] Correction - minor / Correct transposition of design basis core radionuclide inventories for Y-92 and Y-93 per WebCAP 2008-3060 Correction - minor / Correct Failure mechanism column for 15.5 - Increase in RCS Inventory Events. Per Web 2008-2593, the single failure assumed for these events should be "Closure of one MSRCV when MSRN opens" rather than "EFW train" consistent with response to RAI #34, Questions 15-1, 150-4 and 15-5. 15.0 - 15.6, 15.3 Table 15.0-40 RAI / Changes to FSAR associated with RAI Batch #17 - Corrections to input for Rod Ejection Accident - should indicate 4% of cladding failure for full-rod fuel overheat, rather than 0.4% - in accordance with RAI Response 15.00.03-16 Correct failure mechanism for "Increase in RCS Inventory Events' in Table 15.0-11, Table 15.0-15.4 [Imitting values in MSLB Table 15.1-16, Table 15.1-4, Provide BOC reactivity input values rather than EDC in Table 15.1-4, provide HZP limiting values in MSLB Table 15.1-16, Table 15.1-1.1 [RAI / Changes associated with RAI Batch #106, Response to Question 10.3-1 (Part III)] RAI / Changes associated with RAI Batch #106, Response to Question 10.3-1 (Part III) RAI / Changes associated with RAI Batch #34 - Revision/Clarification to units of Scram worth from "pom/"F" to "pom" in Tables 15.1-1, 15.1-4, 15.1				
15			Table 15.2-7	
15				
Question 15-1 thru 5	643	15	15.0.0.3.9	RAI / Changes associated with RAI Batch #34, Suppl 1, Response to Question 15-8
Question 15-1 thru 5				
Question 15-1 thru 5	644	15	15.0.0.3	RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 1 of 3), Response to
15				
15.0.4 RAI / Changes associated with RAI Batch #83, Suppl 4, Response to Question 10.04.09-5	645	15	15.0.3	
10.04.09-5 Editorial / Add uncertainty and time delay entries stating "Not Applicable" in table for Table 15.0-8 Editorial / Add uncertainty and time delay entries stating "Not Applicable" in table for EBS for existing blank cells [per Quality Engineering Internal Surveillance FHS-07-05]				
10.04.09-5 Editorial / Add uncertainty and time delay entries stating "Not Applicable" in table for Table 15.0-8 Editorial / Add uncertainty and time delay entries stating "Not Applicable" in table for EBS for existing blank cells [per Quality Engineering Internal Surveillance FHS-07-05]	646	15	15.0.4	RAL/ Changes associated with RAI Batch #83, Suppl 4, Response to Question
Table 15.0-8		•		
Table 15.0-8 EBS for existing blank cells [per Quality Engineering Internal Surveillance FHS-07-05] Table 15.0-14 Inventories for Y-92 and Y-93 per WebCAP 2008-3060 Table 15.0-14 Inventories for Y-92 and Y-93 per WebCAP 2008-3060 Table 15.0-15 Inventory Events. Per Web 2008-2593, the single failure assumed for these events should be "Closure of one MSRCV when MSRIV opens" rather than "EFW train" - consistent with response to RAI #34, Questions 15-1, 150-4 and 15-5. Table 15.0-40 Ejection Accident - should indicate 4% of cladding failure for full-rod fuel overheat, rather than 0.4% - in accordance with RAI Batch #17 - Corrections to input for Rod 15-3. Table 15.1-16, Intimy adules in MSLB Table 15.1-16 rather than EOC in Table 15.1-4, provide BOC reactivity input values rather than EOC in Table 15.1-4, provide BOC reactivity input values rather than EOC in Table 15.1-4, provide BOC reactivity input values rather than HFP values; editorial update to title in Figure 15.6-12 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Table 15.1-4. RAI / Changes associated with RAI Batch #34 - Revision/Clarification to units of Scram worth from "pcm/°F" to "pcm" in Tables 15.1-1, 15.1-4, 15.1-7, and 15.1-10 in accordance with RAI Responses 15.01.01 - 15.01.04-2, 15.01.01 - 15.01.04-7, Table 15.1-10 Table 15.1-10 Correction - minor / Change from 'SG 4' to 'SG 3' for MSRT Status entry to indicate that SG 3 MSRCV is failed open [per Quality Engineering Internal Surveillance	647	15	15	
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15			1000 10.0 0	- · · · · · · · · · · · · · · · · · · ·
Table 15.0-14 inventories for Y-92 and Y-93 per WebCAP 2008-3060 15	648	15	15	
15 Table 15.0-11 Correction - minor / Correct Failure mechanism column for 15.5 - Increase in RCS Inventory Events. Per Web 2008-2593, the single failure assumed for these events should be "Closure of one MSRCV when MSRIV opens" rather than "EFW train" - consistent with response to RAI #34, Questions 15-1, 150-4 and 15-5. 15 15.0-3.9 Table 15.0-40 Ejection Accident - should indicate 4% of cladding failure for full-rod fuel overheat, rather than 0.4% - in accordance with RAI Batch #17 - Corrections to input for Rod Ejection Accident - should indicate 4% of cladding failure for full-rod fuel overheat, rather than 0.4% - in accordance with RAI Response 15.00.03-16 15 15.0 - 15.6, 15.3 Table 15.0-11, Table 15.1-4, provide BOC reactivity input values rather than EOC in Table 15.1-4, provide BOC reactivity input values rather than EOC in Table 15.1-4, provide HZP limiting values in MSLB Table 15.1-16 rather than HFP values, editorial corrections to specify "Delta DNBR" rather than "DNBR" in Section 15.3; editorial update to title in Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 15 15.0 - 15.4 Editorial RAI / Changes associated with RAI Batch #106, Response to Question 10.3-1 (Part III) RAI / Changes to FSAR associated with RAI Batch #34 - Revision/Clarification to units of Scram worth from "pcm/"F" to "pcm" in Tables 15.1-1, 15.1-4, 15.1-7, and 15.1-10 - in accordance with RAI Responses 15.01.01 - 15.01.04-2, 15.01.01 - 15.01.04-7 Table 15.1-11 Correction - minor / Change from 'SG 4' to 'SG 3' for MSRT Status entry to indicate that SG 3 MSRCV is failed open [per Quality Engineering Internal Surveillance	• 10			
Table 15.0-11 Inventory Events. Per Web 2008-2593, the single failure assumed for these events should be "Closure of one MSRCV when MSRIV opens" rather than "EFW train" - consistent with response to RAI #34, Questions 15-1, 150-4 and 15-5. 15 15 15 15 15 15 15 15 15 15 15 15 15	649	15		
should be "Closure of one MSRCV when MSRIV opens" rather than "EFW train" - consistent with response to RAI #34, Questions 15-1, 150-4 and 15-5. 15			Table 15 0-11	
consistent with response to RAI #34, Questions 15-1, 150-4 and 15-5. 15				
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rather than 0.4% - in accordance with RAI Response 15.00.03-16 15.0 - 15.6, 15.3 Table 15.0-11, Table 15.1-4, Table 15.1-16, Figure 15.6-12 15.1 15				
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Table 15.0-11, Table 15.1-4, Table 15.1-4, Table 15.1-16, Figure 15.6-12 Imitting values in MSLB Table 15.1-16 rather than HFP values; editorial corrections to specify "Delta DNBR" rather than "DNBR" in Section 15.3; editorial update to title in Figure 15.6-12 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 15	001	10		
Table 15.1-4, Table 15.1-16, Figure 15.6-12 limiting values in MSLB Table 15.1-16 rather than HFP values; editorial corrections to specify "Delta DNBR" rather than "DNBR" in Section 15.3; editorial update to title in Figure 15.6-12 limiting values in MSLB Table 15.1-2, and other editorial changes — based on WebCAP 2008-2593 15				
Table 15.1-16, Figure 15.6-12 specify "Delta DNBR" rather than "DNBR" in Section 15.3; editorial update to title in Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 15				
Figure 15.6-12 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593 Figure 15.6-12, and other editorial changes — based on WebCAP 2008-2593				
652 15 15.0 - 15.4 Editorial 653 15 15.1.4.1 RAI / Changes associated with RAI Batch #106, Response to Question 10.3-1 (Part III) 654 15 15.1 RAI / Changes to FSAR associated with RAI Batch #34 - Revision/Clarification to units of Scram worth from "pcm/°F" to "pcm" in Tables 15.1-1, 15.1-4, 15.1-7, and 15.1-10 - in accordance with RAI Responses 15.01.01 - 15.01.04-2, 15.01.01 - 15.01.04-7 655 15 15.1 Correction - minor / Change from 'SG 4' to 'SG 3' for MSRT Status entry to indicate that SG 3 MSRCV is failed open [per Quality Engineering Internal Surveillance]	1			
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15 15.1.4.1 RAI / Changes associated with RAI Batch #106, Response to Question 10.3-1 (Part III) 15.1 RAI / Changes to FSAR associated with RAI Batch #34 - Revision/Clarification to units of Scram worth from "pcm/°F" to "pcm" in Tables 15.1-1, 15.1-4, 15.1-7, and 15.1-10 - in accordance with RAI Responses 15.01.01 - 15.01.04-2, 15.01.01 - 15.01.04-7 15.1 Correction - minor / Change from 'SG 4' to 'SG 3' for MSRT Status entry to indicate that SG 3 MSRCV is failed open [per Quality Engineering Internal Surveillance]	650	15	150 154	Editorial
(Part III) 15				
654 15 15.1 RAI / Changes to FSAR associated with RAI Batch #34 - Revision/Clarification to units of Scram worth from "pcm/°F" to "pcm" in Tables 15.1-1, 15.1-4, 15.1-7, and 15.1-10 - in accordance with RAI Responses 15.01.01 - 15.01.04-2, 15.01.01 - 15.01.04-7 Table 15.1-10 655 15 15.1 Correction - minor / Change from 'SG 4' to 'SG 3' for MSRT Status entry to indicate that SG 3 MSRCV is failed open [per Quality Engineering Internal Surveillance]	003	ıə	15.1.4.1	I ' '
Table 15.1-1, Units of Scram worth from "pcm/°F" to "pcm" in Tables 15.1-1, 15.1-4, 15.1-7, and 15.1-10 - in accordance with RAI Responses 15.01.01 - 15.01.04-2, 15.01.01 - 15.01.04-7 Table 15.1-10 Correction - minor / Change from 'SG 4' to 'SG 3' for MSRT Status entry to indicate that SG 3 MSRCV is failed open [per Quality Engineering Internal Surveillance]	GE 4	AE	45.4	<u> </u>
Table 15.1-4, Table 15.1-7, Table 15.1-10 Table 15.1-10 Table 15.1-10 Table 15.1-10 Table 15.1-10 Table 15.1-10 Table 15.1-11 Table 15.1-11 Table 15.1-11 Table 15.1-11	004	15		
Table 15.1-7, Table 15.1-10 15.01.04-7 Table 15.1-10 Correction - minor / Change from 'SG 4' to 'SG 3' for MSRT Status entry to indicate that SG 3 MSRCV is failed open [per Quality Engineering Internal Surveillance]				
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655 15 15.1 Correction - minor / Change from 'SG 4' to 'SG 3' for MSRT Status entry to indicate that SG 3 MSRCV is failed open [per Quality Engineering Internal Surveillance			•	15.U1.U4- <i>/</i>
Table 15.1-11 that SG 3 MSRCV is failed open [per Quality Engineering Internal Surveillance				
	655	15		
FHS-07-05 and WebCAP 2008-600]	ĺ		Table 15.1-11	
				FHS-07-05 and WebCAP 2008-600]
			<u> </u>	

item	Chapter	Subsection	Type of Change
656	15	15.1	RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 1 of 3), Response to
		,	Questions 15-1, 15-2, 15-5
657	15	15.1	RAI / Changes associated with RAI Batch #34, Suppl 1, Response to Questions
:		, ,	15.01.01 - 15.01.04-1, 15.01.01 - 15.01.04-8, 15.01.01 - 15.01.04-11, 15.01.01 -
		9 1	15.01.04-1, 15.01.05-3, 15.01.05-8, 15.01.05-9
658	15	15.1	Editorial / Editorial Correction to title of figure
		Figure 15.1-20	,
659	15	15.2	Editorial / Internal review items
660	15	15.2	Correction - minor / Clarify the pressure value given in the MSRT capacity entry - this
		Table 15.2-1	is the corresponding pressure at the MSRIV (same value that is presented in Table
	* .		15.0-9) [per Quality Engineering Internal Surveillance FHS-07-05]
661	15	15.2	Correction - minor / Typographical error to state that EFW flowrate decreases linearly
		Table 15.2-7	to '124.5 gpm' rather than '1245 gpm' at 1568 psia; also delete low and low-low SG
			level setpoint delay times since these are in Tables 15.0-7 and 15.0-8 [per Quality
			Engineering Internal Surveillance FHS-07-05]
662	15	15.2	RAI / Changes associated with RAI Batch #34, Suppl 1, Response to Questions
			15.02.01 - 15.02.05-7, 15.02.01 - 15.02.05-8, 15.02.06-1, 15.02.08-3
663	15	15.2	RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 1 of 3), Response to
			Questions 15-1, 15-2, 15-4, 15-5, 15.02:01-1 - 15.02:05-1
664	15	15.3	Editorial / Quality review items
665	. 15	15.3	RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 1 of 3), Response to
			Questions 15-1, 15-2, 15-4, 15-5, 15.03.03 -15.03.04-1, 15.03.03 - 15.03.04-4,
			15.03.03 -15.03.04-5, 15.03.03 -15.03.04-7, 15.03.03 - 15.03.04-8
666	15	15.4.2	RAI / Changes associated with RAI Batch #29, Suppl 1, Response to Question
		-	15.04.02-1
667	15	15.4	RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 1 of 3), Response to
			Questions 15-1, 15-2, 15-4, 15-5
668	. 15	15.4.3.1.3	RAI / Changes associated with RAI Batch #29, Suppl 2, Response to Question
٠.			15.04.03-1
669	15 .	15.4	RAI / Changes to FSAR associated with RAI Batch #29 - in accordance with RAI
		Table 15.4-4	Responses 15.04.01-1, 15.04.01-2, 15.04.02-2, 15.04.04-15.04.05-1, 15.04.08-4:
.	.]	· '	Added additional plots/figures of parameters for various postulated reactivity events,
			added scram reactivity to Table 15.4-4
670	15	15.4,	Editorial / Correct FH to F∆H (F Delta H) in Tables 15.4-17 and 15.4-18
		Table 15.4-17,	
074	4.5	Table 15.4-18	
671	15	15.4	Editorial / Editorial correction to title of figure
070	45	Figure 15.4-5	F Nest 1/O 1/
672	15	15.5	Editorial / Quality review items discovered
673	15	15.5 - 15.8	Editorial
674	15	15.5	RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 1 of 3), Response to
675		45.64	Questions 15-1, 15-2, 15-4, 15-5
675	15	15.6.1	RAI / Changes associated with RAI Batch #34, Suppl 1, Response to Question
670	45	450	15.06.01-1
676	15	15.6	RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 1of 3), Response to
677	15	450	Questions 15-1, 15-4, 15-5, 15.06.03-3
677	15	15.6	RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 2 of 3), Response to
070	4-	45.0	Question 15.06.03-3
678	15	15.6	RAI / Changes associated with RAI Batch #34, Suppl 2 (Part 3 of 3), Response to
070	4-	45.0	Question 15.06.03-3
679	15	15.6	Correction - minor / Technical Correction to title of figure - change to 'liquid' fractions
	4.5	Fig. 15.6-26	instead of 'void' fractions
680	15	15.6.5.4	RAI / Changes associated with RAI Batch #30, Supp1, Response to Question
004	45	45.0	15.06.05-8
681	15	15.6	Editorial / Graphics enhancements for clarity

Item	Chapter	Subsection	Type of Change
682	15	15.6	Correction - minor / Include reference to new GSI-191 Technical Rpt - submitted Feb. 2008
683	15	15.6, Table 15.6-4 (Sht 2 of 2)	Editorial / Correction to a typo in parameter title for Table 15.6-4 (sheet 2 of 2) - "Low SG pressure MSIS setpoint" should be "Low SG pressure MSIV setpoint"
684	15	15.6, Table 15.6-20, Table 15.6-22, Table 15.6-23, Fig 15.6-51, Fig 15.6-82, Fig 15.6-83	Changes to SBLOCA tables and figures associated with WebCAP 2008-4618 - minor error in input value for loss coefficient at the accumulator junction for 2 of the loops - only impacts cases with breaks greater than 7.5 inches. Includes clarification to titles of figures
685	15	15.6, Figures 15.6-1 thru 15.6-10	Editorial / Fix Figure Titles to correspond with text in 15.6 - change IOPSV to IOPSRV
686	15	15.6 Figures 15.6-44 and 15.6-45	Editorial / Correction to title of figures
687	15	15.6 Figure 15.6-51	Editorial / Correction to title of figure
688	15	15.6 Figure 15.6-86 Figures 15.6-88 thru 15.6-91	Editorial / Graphics enhancements for clarity - Move Figures Down on page to allow more space between the figure title and the actual graph
689	15	15.7.5	Correction - minor / Since spent fuel cask drop accidents are now discussed in Section 15.0.3 (per March 2007 update to SRP 15.0.3), delete existing text in 15.7.5 and replace with a cross-reference to 15.0.3.10
690	15	15.0, 15.6	Editorial / Clarification of reference to technical specifications (Ch16)
691	16	16	Editorial / Change reference to U.S. EPR STS to U.S. EPR GTS (Generic Technical Specifications) in 16.0(x) and footers to all TS pages
692	16	16	Editorial / Based on Final rule in 09/24/08 issue of Federal Register (effective 10/24/08), NRC is restoring the original paragraph designations in 10 CFR 50.36 before the 2007 Part 52 final rulemaking - these changes change all references in FSAR from 10 CFR 50.36 (d) to 10 CFR 50.36(c)
693	16	16.1	Clarify COL item to indicate that the COL Applicant will "provide the necessary information in response to the Reviewer's Notes and replace preliminary information provided in brackets of the TS and TS Bases with plant-specific values." - per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs.
694	16	16 (1.1)	RAI / Changes associated with RAI Batch #122, Suppl 1, Response to Question 16-243
695	16	16 (1.1)	Correction - minor /In 'Dose Equivalent I-131' definition, replace term "thyroid dose conversion factors" with "committed effective dose conversion factors" - for consistency with response to RAI 122, Question 16-256 and NRC approved generic Tech Spec changes in TSTF-490-A.
696	16	16 (1.1)	RAI / Changes associated with RAI Batch #103, Suppl 1, Response to Question 16-193
697	16	16 (1.1)	RAI / Changes associated with RAI Batch #63, Supp1, Response to Questions 05.04.02.02-7 and 05.04.02.02-8
698	16	16 (1.1, 1.2, 1.3, 1.4)	RAI / Changes associated with RAI Batch #122, Response to Questions 16-244, 16-245, 16-246, 16-256
699	16	16	Editorial [a portion of these reflect changes to TS Table 3.3.1-2 as specified in WebCAP 2008-1911]

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Item	Chapter		Type of Change
700	16	16 (2.0, B2.1)	RAI / Changes associated with RAI Batch #102, Response to Questions 16-125 and 16-127
701	16	16	Correction - minor / Miscellaneous editorial and non-editorial corrections, plus deletion of dates for regulations in bases references section.
702	16	16 (1.1, 3.3.1,	Correction - minor / Miscellaneous corrections - new definition for Protection System
		3.5, B3.3.1)	Response Time, add PS Response Time to 3.3.1 plus Surveillance, delete DOT definition (now have ADOT)
703	16	16	Correction - minor / Misc Changes and corrections
704	16	16	Resolution of customer comments
705	16	16	Correction - minor / Miscellaneous Corrections and internal comments resulting from WebCAP 2008-3445 additional review
706	16	16 (3.4.6, 3.4.8, 3.4.9, B3.1.6)	
707	16	16 (3.5.5 and B3.1.6)	Editorial
708	16	16 (B3.3.1)	Editorial
709	16	16 (3.7.12 and B3.3.1)	Editorial / Typo and correction to Reference number and title in B3.3.1
710	16	16	Editorial corrections
711	16	16 (3.6.6, B 3.6.4, B3.7.6, B3.7.7, B3.7.10, B3.7.11, B3.7.12, B3.9.2)	•
712	16	16 (B3.1.4, B3.1.5, B3.1.6, B3.1.7, B3.2.1, B3.2.1, B3.2.2)	Editorial / Miscellaneous corrections
713	16	16 (3.7.1, B3.7.1, B3.7.4)	Correction - minor / Changes in response to WebCAP #2008-3445
714	16	16 (2.0)	RAI / Changes associated with RAI Batch #110, Suppl 1, Response to Question 16-241
715	16	16 (3.0)	RAI / Changes associated with RAI Batch #122, Response to Question 16-247
716	16	16	RAI / Changes associated with RAI Batch #122, Response to Questions 16-257, 16-258, 16-261, 16-265, 16-266, 16-268, 16-270
717	16	16	RAI / Changes associated with RAI Batch #122, Response to Questions 16-276, 16-278, 16-279, 16-282
718	16	16	RAI / Changes associated with RAI Batch #110, Response to Question 16-234
719	16	16	RAI / Changes associated with RAI Batch #110, Suppl 2, Response to Question 16-212
720	16		Clarify Tech Spec 3.3.1 to add a Reviewer's Note that the COL Applicant may revise the Protection System background, applicable safety analyses, LCO and Applicability, Actions and Surveillance Requirements sections to reflect the use of a Setpoint Control Program per discussion with NRC and to facilitate inclusion of the Setpoint Control Program in COL Tech Specs.
721	16	16 (3.3.1)	RAI / Changes associated with RAI Batch #103, Suppl 1, Response to Question 16-193
722	16	16 (3.3.1)	RAI / Changes associated with RAI Batch #103, Response to Questions 16-131, 16-132- 16-134, 16-135, 16-141, 16-166, 16-167, 16-170, 16-192
723	16	16 (3.3.1)	RAI / Changes associated with RAI Batch #110, Suppl 1, Response to Question 16-227
724	16	16 (3.3.2)	RAI / Changes associated with RAI Batch #101, Response to Question 16-100
725	16	16 (3.3.2)	RAI / Changes associated with RAI Batch #110, Suppl 1, Response to Question 16-212

	Chapter	Subsection	Type of Change
Item 726	16	16 (3.4.2)	RAI / Changes associated with RAI Batch #122, Response to Question
		, ,	16-258
727	16		RAI / Changes associated with RAI Batch #101, Response to Questions 16-71, 16-73.2, 16-73.6, 16-73.13, 16-73.15 U-line and 16-75
728	16	16 (3.4.6, 3.4.11, 3.4.14)	RAI / Changes associated with RAI Batch #101, Suppl 1, Response to Questions 16-57, 16-69, 16-72, 16-77
729	16	16 (3.5.1, 3.5.2, 3.5.4, 3.5.5)	RAI / Changes associated with RAI Batch #101, Response to Questions 16-93, 16-95, 16-96, 16-98, 16-99, 16-101, 16-102, and 16-109
730	16	16 (3.5.3, 3.5.4, 3.5.6 3.5.7,	RAI / Changes associated with RAI Batch #142, Suppl 1, Response to Question 19-269
731	16	16 (3.6.3, 3.6.6, 3.6.7)	RAI / Changes associated with RAI Batch #101, Response to Questions 16-112, 16-113, 16-116, 16-122, 16-124
732	. 16	16 (3.6.4)	RAI / Changes associated with RAI Batch #122, Response to Question 16-249
733	16	16 (3.6.8)	RAI / Changes associated with RAI Batch #101, Suppl 1, Response to Question 16-61
734	16		RAI / Changes associated with RAI Batch #101, Response to Questions 16-63, 16-86, 16-92, 16-109
735	16	16 (3.7.3)	Editorial / Add "AND" to Required Action for Condition B of LCO 3.7.3 - MFW Valves
736	16	16 (3.7.6, B3.7.6)	RAI / Changes associated with RAI Batch #83, Suppl 4, Response to Question 10.04.09-9
737	16	16 (3.7.10)	RAI / Changes associated with RAI Batch #89, Response to Question 06.04-4
738	16	16 (3.7.10)	RAI / Changes associated with RAI Batch #122, Response to Question 16-250
739	16		RAI / Changes associated with RAI Batch #83, Supp1, Response to Question 10.04.09-10
740	16	•	RAI / Changes associated with RAI Batch #83, Response to Question 10.04.09-6
741	16	16 (3.7.18)	RAI / Changes associated with RAI Batch #168, Response to Question 03.06.03-19
742	16	16 (3.7.8)	RAI / Changes associated with RAI Batch #119, Response to Question 09.02.01-15
743	16	16 (3.7.8, 3.7.19)	RAI / Changes associated with RAI Batch #166, Suppl 1, Response to Question 16-291
744	16	16 (3.7.10)	RAI / Changes associated with RAI Batch #122, Suppl 1, Response to Question 16-254
745	16	16 (3.7.11)	RAI / Changes associated with RAI Batch #110, Suppl 1, Response to Question 16-237
746	16	16 (3.7.11)	RAI / Changes associated with RAI Batch #135, Suppl 1, Response to Question 09.04.05-1.4
747	16	16 (3.7.15, 3.7.16, 3.7.19)	Editorial / Change occurrences for consistency to "COL applicant"
748	16	16 (3.7.19)	RAI / Changes associated with RAI Batch #119, Suppl 2, Response to Question 09.02.01-17
749	16	16 (3.8)	RAI / Changes associated with RAI Batch #74, Response to Questions 16-6, 16-7, 16-8, 16-9, 16-14, 16-17, 16-19, 16-32, 16-34
750	16	16 (3.8.1, 3.8.3)	RAI / Changes associated with RAI Batch #74, Suppl 1, Response to Questions 16-29, 16-31
751	16	16 (3.9.2, 3.9.3, 3.9.4, 3.9.5)	RAI / Changes associated with RAI Batch #101, Response to Questions 16-83, 16-104, 16-107
752	16	16 (4.0)	RAI / Changes associated with RAI Batch #196, Response to Question 09.01.01-11
753	16	16 (B3.9.5)	RAI / Changes associated with RAI Batch #26, Suppl 1, Response to Questions 19-178

Item	Chapter	Subsection	Type of Change
754	16	16 (3.9.3)	Editorial / Miscellaneous changes - Add definition of "recently irradiated fuel" to
			Containment Penetration Bases in B3.9.3 - in accordance with RAI Response 15.00.03-22
755	16	16 (3.9.3, B3.9.3)	RAI / Miscellaneous changes to FSAR identified during response to RAI Batch #17
756	16	16 (3.4.12,	RAI / Changes associated with RAI Batch #63, Supp1, Response to Questions
٠,	,	3.4.16 and	05.04.02.02-3, 05.04.02.02-9
		B3.4.12,	
		B3.4.16)	
757	16	16 (5.2, 5.5, 5.6, 5.7)	RAI / Changes associated with RAI Batch #122, Response to Questions 16-252, 16-253
758	16	16 (5.5)	RAI / Changes associated with RAI Batch #122, Supp1, Response to Question 16-254
759	16	16 (5.5)	RAI / Changes associated with RAI Batch #89, Response to Question 06.04-4
760	16	16 (5.5)	RAI / Add "<" for containment leakage rate acceptance criterion - RAI Batch #12 -
*			RAI Response to question 06.02.06-01
761	16	16 (5.5 and 5.6)	RAI / Changes associated with RAI Batch #63, Supp1, Response to Questions
			05.04.02.02-1, 05.04.02.02-9, 05.04.02.02-10, 05.04.02.02-11, and 05.04.02.02-14
762	16	16 (5.6)	RAI / Changes associated with RAI Batch #64, Supplement 2, Response to Question 05.03.02-5
763	16	16 (B3.8.3)	RAI / Changes associated with RAI Batch #74, Suppl 1, Response to Question 16-29
764	. 16	16 (5.6)	Editorial / Update references for COLR methodology
765	16	16 (5.6)	Editorial / Change PLTR sentence to indicate that it will be provided to the "NRC" instead of "applicable regulatory body".
766	- 16	16 (B2.1.1)	RAI / Changes associated with RAI Batch #110, Suppl 1, Response to Question 16-241
767	16	16 (B2.1.1)	RAI / Editorial - delete brackets from values for peak fuel centerline temperature in bases for SL 2.1.1.2 for consistency with Section 2.1.1
768	: 16	16 (B3.0)	RAI / Changes associated with RAI Batch #110, Response to Question 16-242
769	16	16	RAI / Changes associated with RAI Batch #122, Response to Questions 16-247, 16-258, 16-259, 16-261, 16-262, 16-263, 16-266, 16-270, 16-272
770	16	16	RAI / Changes associated with RAI Batch #122, Response to Questions 16-273 thru 279, 16-280, 16-282, 16-284, 16-285, 16-287, 16-288, 16-289, 16-290
771	16	16 - B3.3.1	Editorial
772	16	16 (3.3.1, B3.3.1)	RAI / Changes associated with RAI Batch #103, Suppl 1, Response to Question 16-194
773	16	16	RAI / Changes associated with RAI Batch #110, Suppl 1, Response to Questions 16-222, 16-227, 16-228
774	16	16	RAI / Changes associated with RAI Batch #103, Response to Questions 16-127, 16-130, 16-131, 16-132, 16-134, 16-136, 16-139, 16-140, 16-141, 16-152,
			16-161, 16-166, 16-167, 16-171, 16-174, 16-187, 16-188, 16-192, 16-200, 16-202, 16-207
775	16	16 (B3.3.1, B3.3.2)	RAI / Changes associated with RAI Batch #110, Response to Questions 16-214, 16-219 thru 221, 16-224, 16-231, 16-232, 16.234, 16-275
776	16	16 (B3.3.1)	RAI / Changes associated with RAI Batch #103, Suppl 1, Response to Questions 16-193, 16-195
777	16	16 (3.3.2,	RAI / Changes associated with RAI Batch #110, Suppl 2, Response to Question
	.5,	B3.3.2)	16-212
778	16	16 (B3.4.14)	RAI / Changes associated with RAI Batch #168, Response to Question 03.06.03-19

Item	Chapter	Subsection	Type of Change
779	16	16 (B3.3.2)	RAI / Changes associated with RAI Batch #110, Suppl 1, Response to Question 16-212
780	16	16 (B3.4.11)	RAI / Changes associated with RAI Batch #101, Suppl 2, Response to Question 16-68
781	16	16 (B3.4.3)	RAI / Changes associated with RAI Batch #64, Supplement 2, Response to Question 05.03.02-5
782	16	16 (B3.4.4, B3.4.6, B3.4.9, B3.4.11, B3.4.14)	RAI / Changes associated with RAI Batch #101, Suppl 1, Response to Questions 16-56, 16-69, 16-72, 16-77, 16-79
783	16	16 (B3.5.3, B3.5.4, B3.5.6, B3.5.7, B3.5.8)	RAI / Changes associated with RAI Batch #142, Suppl 1, Response to Question 19-269
784	16	16 (B3.6.8)	Editorial / Abbreviation for dodecahydrate trisodium phosphate changed to 'PSP-C' for consistency
785	- 16	16 (B3.6.8)	RAI / Changes associated with RAI Batch #101, Suppl 1, Response to Question 16-61
786	16	16 (B3.6.1, B3.6.6)	RAI / Changes associated with RAI Batch #122, Response to Questions 16-248, 16-250
787	16	16 (B3.7.14, B3.5.5)	Editorial
788	16		Editorial
789	16	16 (B3.6.6, B3.7.10, B3.7.12)	RAI / Changes associated with RAI Batch #89, Response to Questions 06.04-4 and 06.02.03-1
790	16	16 (B3.7.7, B3.7.8)	RAI / Changes associated with RAI Batch #122; Response to Questions 16-250, 16-258
791	16	16 (B3.7.8)	RAI / Changes associated with RAI Batch #119, Suppl 1, Response to Question 09.02.01-19
792	16	16 (B3.7.8, B3.7.19)	RAI / Changes associated with RAI Batch #166, Suppl 1, Response to Question 16-291
793	16	16 (B3.7.16)	RAI / Changes associated with RAI Batch #196, Response to Question 09.01.01-12
794	16	16 (B3.7.18)	RAI / Changes associated with RAI Batch #168, Response to Question 03.06.03-19
795	16	16 (B3.8.1)	RAI / Changes associated with RAI Batch #110, Suppl 1, Response to Question 16-237
796	16	16 (B3.8.3)	RAI / Changes associated with RAI Batch #87, Suppl 4, Response to Question 09.05.07-8
797	16	16	RAI / Changes to FSAR associated with RAI Batch #101 - in accordance with RAI Responses to Questions 16-100, 16-107, 16-108, 16-110, 16-112, 16-113, 16-114, 16-115, 16-116, 16-118, 16-124, 16-58, 16-59, 16-60, 16-63, 16-64, 16-65, 16-73.1, 16-73.10, 16-73.11, 16-73.12, 16-73.14, 16-73.16, 16-73.3, 16-73.4, 16-73.5, 16-73.6, 16-73.7, 16-73.8, 16-73.9, 16-75, 16-80, 16-80, 16-81, 16-83, 16-84, 16-85, 16-86, 16-87, 16-89, 16-91, 16-92, 16-93, 16-94, 16-95, 16-96, 16-97, 16-98, 16-99, 19-109
798	16	16 (B3.8.1, B3.8.2, B3.8.6, B3.8.7, B3.8.8, B3.8.9, B3.8.10)	RAI / Changes associated with RAI Batch #74, Response to Questions 16-8, 16-9, 16-14, 16-27, 16-36, 16-39, 16-41, 16-42, 16-43, 16-44, 16-47, 16-51

Item	Chapter	Subsection	Type of Change
799	16	16 (B3.7.10, B3.7.11, B3.7.12)	RAI / Changes associated with RAI Batch #135, Suppl 1, Response to Questions 09.04.05-1.1, 09.04.05-1.3(3), 09.04.05-1.4 and 09.04.05-1.13
800	16	16 (B3.9.5)	RAI / Changes associated with RAI Batch #101, Suppl 1, Response to Question 16-103
801	17	17.4	RAI / Changes to FSAR associated with RAI Batch #21 - in accordance with RAI Responses to 17.04-05 and 17.04-14
802	17	17.5	Correction - minor / Change Title for Section 17.5 from "Quality Assurance Program Guidance" to "Quality Assurance Program <u>Description</u> ", consistent with the title of SRP 17.5. NRC agreed to withdraw Draft Question 17.5-3 if this change is included in Rev. 1 of the FSAR.
803	18	18	Editorial
804	18	18.1.1.5	RAI / Changes to FSAR associated with RAI Batch #27 - in accordance with RAI Response 18-01
805	18	18.1.3.4	RAI / Changes associated with RAI Batch #39, Response to Question 18-3
806	18	18.7	RAI / Changes associated with RAI Batch #47, Response to Questions 18-11 and 18-13
807	18	18.7.1.3.13 18.7.1.3.14	Correction - minor / Correct cross-references. Table 7.1-3 changed to Table 7.1-2 in Sections 18.7.1.3.13 and 18.7.1.3.14. Sentence with cross-Reference to Table 7.4-1 has been deleted (since this table was removed from 7.4 and inserted into 18.7 in FSAR Rev. 0).
808	18	18.8.3	RAI / Changes associated with RAI Batch #115, Suppl 2, Response to Question 14.03.09-6
809	18	18.9.3	RAI / Changes associated with RAI Batch #115, Suppl 2, Response to Question 14.03.09-6
810	18	18.10.3	RAI / Changes associated with RAI Batch #47, Response to Questions 18-16, 18-23, 18-21, 18-22, 18-26 and 18-27
811	18	18.10.3.7	RAI / Changes associated with RAI Batch #115, Suppl 2, Response to Question 14.03.09-6
812	18	18.11.4	RAI / Changes associated with RAI Batch #115, Suppl 2, Response to Question 14.03.09-6
813	19	19.1	Editorial / Requested change - inaccurate description of use of PRA during design phase (delete claim to use PRA to establish AOT for certain equipment tech specs)
814	19	19.1	Editorial / Eliminate terminology of "design certification PRA"
815	19	19.1	RAI / Changes associated with RAI Batch #2, Supp. 2 Response to Question 19-05
816	19	19.1	RAI / Changes associated with RAI Batch #138, Response to Question 19-247
817	19	19.1	RAI / Changes associated with RAI Batch #172, Response to Question 19-270
818 819	19 19	19.1 19.1	RAI / Changes associated with RAI Batch #53, Response to Question 19-196 RAI / Changes to FSAR associated with RAI Batch #22- in accordance with RAI
820	19	19.1	Responses 19-152, 19-153, and 19-155 RAI / Changes to FSAR associated with RAI Batch #2- in accordance with RAI Responses 19-28, and 19-45 [RAI Response 19-28 indicates FSAR Section 19.1.3.4.3 (Reliability of Safety Injection Actuation During Mid-Loop Operation) will be deleted; RAI Response 19-45 corrects a typographical error (from 16 percent improvement" to "7 percent improvement")]
821	19	19.1	RAI / Changes to FSAR associated with RAI Batch #26- in accordance with RAI Responses 19-162, 19-168, and 19-188
822	19	19.1 Table 19.1-102	RAI / Changes to FSAR associated with RAI Batch #2, Supplement #1 - revised Table 19.1-102 to include dispositions for each PRA-based insight and added new insights; updated risk metrics pages, uncertainty analysis pages, and uncertainty figures - in accordance with RAI Response to 19-02 and 19-05
823	19	19.1	RAI / Changes associated with RAI Batch #138, Supp1, Response to Question 19-249

Item	Chapter	Subsection	Type of Change
824	19	19.1	RAI / Changes associated with RAI Batch #197, Response to Questions 19-274, 19-277, 19-279, 19-281, 19-282, 19.283
825	19	. 19.1	RAI / Changes associated with RAI Batch #26, Suppl 2, Response to Questions 19-166, and 19-167
826	19	19.1	RAI / Changes associated with RAI Batch #142, Response to Questions 19-266, 19-267
827	19	19.1	RAI / Changes associated with RAI Batch #66, Suppl 1, Response to Question 19.01-39
828	19	19.1	RAI / Changes associated with RAI Batch #97, Response to Questions 19-220, 19-224, 19-225 and 19-226
829	19	19.1	RAI / Changes associated with RAI Batch #22, Supp. 3 Response to Question 19-158
830	19	19.1	Editorial / Title Editorial Change [°F only] - and matching change to text in 19.1
831	19	19.1	Correction - moderate / Revised severe accident source term (Table 19.1-20) per
		Table 19.1-20	WebCAP 2008-3905-CR
832	19	19.1	RAI / Changes to FSAR associated with RAI Batch #6, Supplement 1 - revised Table
		Table 19,1-26	19.1-26 in accordance with RAI Response #19-84h
833	19	19.1	RAI / Changes to FSAR associated with RAI Batch #8, Supplement #1 - revise
		Figure 19.1-31	description of seismic risk evaluation and results, added new Figure 19.1-
		Table 19.1-106	31(Comparison of SME and RLE for Hard and Soft Soil Sites), added Table 19.1-106
		Table 19.1-107	(Seismic Fragilities of Safety-Related Structures), and Table 19.1-107 (Seismic
		Table 19.1-21	Fragilities of Mechanical and Electrical Equipment), revised Table 19.1-21
		Figure 19.1-8	(Probability Distributions for the Six Dominant Failure Modes), and revised Figure
			19.1-8 (Composite Containment Fragility Curve at 395°F)
834	19	19.1	RAI / Changes associated with RAI Batch #66, Response to Questions 19.01-21,
			19.01-31 and 19.01-41
835	19	19.1	RAI / Changes to FSAR associated with RAI Batch #7 - revised Table 19.1-87 in
		Table 19.1-87	accordance with RAI Response to 19-75
836	19	19.1	RAI / Changes to FSAR associated with RAI Batch #14 - Added footnote to Tables
		Table 19.1-93,	19.1-93 and 19.1-95 to explain RAW values of 1E-NA in accordance with RAI
		Table 19.1-95	Response #19-145
837	19	19.1	RAI / Changes to FSAR associated with RAI Batch #2, Supplement #1 - revised
	İ	Table 19.1-102	Table 19.1-102 to include disposition for all the PRA insights and addition of 20 new
			insights or assumptions - in accordance with RAI Response to 19-02
838	19	19.1	RAI / Changes associated with RAI Batch #138, Response to Question 19-255
. 839	19	19.1	RAI / Changes associated with RAI Batch #138, Response to Question 19-254
840	19	19.1 & 19.2	Editorial
841	19	19.2	Editorial / Delete duplicate reference
842	19	19.2	RAI / Changes associated with RAI Batch #69, Response to Question 06.02.05-02