

Chap.	Section	Question No :	NRC Letter No :	System RAI No :	Question Status **	Reason	SRP Section:	Tech Branch	RAI Issued:	RAI Response:	IE MNES Evaluation	MNES Detail
3	3.9.1	03.09.01-4	296	2254	In Evaluation	SER Open Item	Special Topics for Mechanical Components	EMB1	4/1/2009	12/13/2011	Discussion Needed	SER Open Item
3	3.9.1	03.09.01-5	296	2254	In Evaluation	None	Special Topics for Mechanical Components	EMB1	4/1/2009	12/13/2011	Discussion Needed	Impact on DCD changes from the RAI response incorporated into Rev 3 of the DCD.
3	3.9.1	03.09.01-6	770	5739	In Evaluation	None	Special Topics for Mechanical Components	EMB1	6/15/2011	12/2/2011	Discussion Needed	
3	3.9.1	03.09.01-7	802	5931	In Evaluation	None	Special Topics for Mechanical Components	EMB1	8/10/2011	11/1/2011	Discussion Needed	
3	3.9.2	03.09.02-93	916	6343	In Evaluation	None	Dynamic Testing and Analysis of Systems Structures and Components	EMB2	3/29/2012	4/26/2012	Discussion Needed	MHI is not planning to amend the response. This should be In Evaluation with IE Evaluation of "NRC Review"
3	3.9.2	03.09.02-96	916	6343	In Evaluation	None	Dynamic Testing and Analysis of Systems Structures and Components	EMB2	3/29/2012	4/26/2012	Discussion Needed	MHI is not planning to amend the response. This should be In Evaluation with IE Evaluation of "NRC Review"
3	3.9.2	03.09.02-99	916	6343	In Evaluation	None	Dynamic Testing and Analysis of Systems Structures and Components	EMB2	3/29/2012	4/26/2012	Discussion Needed	MHI is not planning to amend the response. This should be In Evaluation with IE Evaluation of "NRC Review"
3	3.9.2	03.09.02-100	916	6343	In Evaluation	None	Dynamic Testing and Analysis of Systems Structures and Components	EMB2	3/29/2012	4/26/2012	Discussion Needed	MHI is not planning to amend the response. This should be In Evaluation with IE Evaluation of "NRC Review"
3	3.11	03.11-42	880	6142	Response Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	EEB	12/21/2011	3/23/2012	Discussion Needed	
3	3.11	03.11-44	880	6142	Response Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	EEB	12/21/2011	3/23/2012	Discussion Needed	
3	3.11	03.11-45	880	6142	Response Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	EEB	12/21/2011	3/23/2012	Discussion Needed	
3	3.11	03.11-46	880	6142	Response Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	EEB	12/21/2011	3/23/2012	Discussion Needed	
3	3.11	03.11-47	880	6142	Response Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	EEB	12/21/2011	3/23/2012	Discussion Needed	
3	3.11	03.11-48	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/10/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.

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3	3.11	03.11-49	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/10/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.
3	3.11	03.11-50	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/10/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.
3	3.11	03.11-51	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/10/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.
3	3.11	03.11-52	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/16/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.
3	3.11	03.11-53	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/10/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.
3	3.11	03.11-54	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/10/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.

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3	3.11	03.11-55	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/10/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.
3	3.11	03.11-56	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/16/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.
3	3.11	03.11-57	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/10/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.
3	3.11	03.11-58	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/10/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.
3	3.11	03.11-59	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/10/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.
3	3.11	03.11-60	901	6257	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	CIB1	2/14/2012	4/16/2012	Discussion Needed	8/20; The NRC emailed; The staff has not reviewed the responses submitted on 4/10/2012 and 4/16/2012 due to competing work, including work related to GSI-191. The staff has additional competing work into September and anticipates that it could provide feedback in October.

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3	3.12	03.12-29	804	5938	In Evaluation	None	ASME Code Class 1, 2, and 3 Piping Systems and Piping Components and Their Associated Supports	EMB1	8/11/2011	11/25/2011	Discussion Needed	
6	6.2.2	06.02.02-77	840	6096	In Evaluation	None	Containment Heat Removal Systems	CIB1	10/18/2011	11/22/2011	Discussion Needed	
6	6.3	06.03-87	626	4750	In Evaluation	None	Emergency Core Cooling System	SRSB	8/30/2010	10/14/2010	Discussion Needed	
6	6.3	06.03-103	867	6174	In Evaluation	None	Emergency Core Cooling System	CIB1	11/14/2011	1/6/2012	Discussion Needed	
15	15.6.5	15.06.05-93	861	6062	Response Evaluation	None	Loss of Coolant Accidents Resulting From Spectrum of Postulated Piping Breaks Within the Reactor Coolant Pressure Boundary	SRSB	10/31/2011	12/2/2011	Discussion Needed	SE OI 15.6.5-11 - boron precipitation; awaiting NRC confirmatory evaluation results
15	15.6.5	15.06.05-100	861	6062	Response Evaluation	None	Loss of Coolant Accidents Resulting From Spectrum of Postulated Piping Breaks Within the Reactor Coolant Pressure Boundary	SRSB	10/31/2011	12/22/2011	Discussion Needed	SE OI 15.6.5-14 - boron precipitation; awaiting NRC confirmatory evaluation results

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3	3.7.1	03.07.01-24	850	6002	Confirmatory Action Applicant	None	Seismic Design Parameters	SEB1	10/21/2011	12/1/2011	In Official Submittal	Figure in question has been eliminated in MUAP-10001 Rev. 4 as stated in the response.
3	3.9.3	03.09.03-6	209	1803	Confirmatory Action NRC	None	ASME Code Class 1, 2, and 3 Components	EMB2	2/25/2009	4/30/2009	In DCD Rev. Docketed	Impact on DCD changes from the RAI response incorporated into Rev 3 of the DCD.  8/20; the staff agreed to change it to Resolved -Closed
3	3.9.6	03.09.06-54	801	5897	Confirmatory Action NRC	SER Open Item	Functional Design Qualification and Inservice Testing Programs for Pumps, Valves, and Dynamic Restraints	CIB1	8/5/2011	11/2/2011	In DCD Rev. Docketed	SER Open Item  Functional Design Qualification and IST Program (3.9.6)
3	3.9.6	03.09.06-56	801	5897	Confirmatory Action NRC	SER Open Item	Functional Design Qualification and Inservice Testing Programs for Pumps, Valves, and Dynamic Restraints	CIB1	8/5/2011	11/2/2011	In DCD Rev. Docketed	SER Open Item  Functional Design Qualification and IST Program (3.9.6)
3	3.11	03.11-1	358	2642	Confirmatory Action NRC	None	Environmental Qualification of Mechanical and Electrical Equipment	CHPB	5/13/2009	7/10/2009	In Official Submittal	Impact on DCD changes from the RAI response incorporated into Rev 3 of the DCD.  Changes to MUAP-08015 have been made
3	3.11	03.11-2	358	2642	Confirmatory Action NRC	None	Environmental Qualification of Mechanical and Electrical Equipment	CHPB	5/13/2009	7/10/2009	In Official Submittal	Impact on DCD changes from the RAI response incorporated into Rev 3 of the DCD.  Changes to MUAP-08015 have been made
3	3.11	03.11-3	358	2642	Confirmatory Action NRC	None	Environmental Qualification of Mechanical and Electrical Equipment	CHPB	5/13/2009	7/10/2009	In Official Submittal	RAI response does not list any impact on DCD, except for that which is already incorporated in the answer to Question No. 03.11-2  Question No. 03.11-2 response also lists changes to MUAP-08015, but those changes have been incorporated
3	3.11	03.11-5	358	2642	Confirmatory Action NRC	None	Environmental Qualification of Mechanical and Electrical Equipment	CHPB	5/13/2009	7/10/2009	In DCD Rev. Docketed	Impact on DCD changes from the RAI response incorporated into Rev 3 of the DCD
6	6.2.1.2	06.02.01.02-7	111	932	Confirmatory Action Applicant	None	Subcompartment Analysis	SPCV	12/3/2008	2/2/2009	In Official Submittal	MUAP-07031 Rev. 1 (10/2009) includes the changes described in this RAI response.

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6	6.2.2	06.02.02-65	746	5721	Confirmatory Action NRC	None	Containment Heat Removal Systems	SPCV	4/27/2011	6/7/2011	In Official Submittal	7/31: All of the information needed to confirm the statements in this RAI should be in the DCD or PRA; no additional DCD changes were committed in the response.
6	6.2.2	06.02.02-70	839	6103	Confirmatory Action NRC	None	Containment Heat Removal Systems	SPCV	10/14/2011	5/29/2012	In Official Submittal	Expect closure since latest revision simply corrected a typographical error identified by the staff, and no new technical changes were incorporated.
6	6.2.2	06.02.02-71	839	6103	Confirmatory Action NRC	None	Containment Heat Removal Systems	SPCV	10/14/2011	5/29/2012	In Official Submittal	Expect closure since latest revision simply corrected a typographical error identified by the staff, and no new technical changes were incorporated.
7	7.8	07.08-16	700	5406	Confirmatory Action NRC	None	Diverse Instrumentation and Control Systems	ICE2	2/28/2011	5/31/2011	In Official Submittal	Required change is included in MUAP-07014 Rev. 5.  CI 07.08-16
7	7.9	07.09-19	701	5229	Confirmatory Action NRC	None	Data Communication Systems	ICE2	2/28/2011	4/28/2011	In Official Submittal	Required change is included in MUAP-07004 Rev. 7  CI 07.09-19
11	11.4	11.04-20	536	4289	Confirmatory Action Applicant	None	Solid Waste Management System	SBPB	3/2/2010	4/20/2010	In DCD Rev. Docketed	8/14: Expect this status to become "Resolved/Closed" based on the fact that all DCD changes were included in DCD Rev.3 and there are no SE OI or CI related to this question.
12	12.2	12.02-21	427	2909	Confirmatory Action NRC	None	Radiation Sources	CHPB	7/30/2009	11/25/2009	In DCD Rev. Docketed	SE CI 12.02-1. Section 12.2.1.1.10 and Figure 12.3-1 in DCD Rev 3 updated as described in the RAI.
12	12.2	12.02-23	532	4019	Confirmatory Action NRC	None	Radiation Sources	CHPB	2/22/2010	4/9/2010	In DCD Rev. Docketed	SE CI 12.02-2. RAI updates included in DCD Rev 3.
12	12.2	12.02-25	532	4019	Confirmatory Action NRC	None	Radiation Sources	CHPB	2/22/2010	4/9/2010	In DCD Rev. Docketed	SE CI 12.02-3. DCD Rev 3 Table 12.2-60 updated per the RAI response.
12	12.2	12.02-26	532	4019	Confirmatory Action NRC	None	Radiation Sources	CHPB	2/22/2010	4/9/2010	In DCD Rev. Docketed	SE CI 12.02-4. DCD Rev 3 Section 12.2.2 updated per the RAI response.
12	12.2	12.02-28	532	4019	Confirmatory Action NRC	None	Radiation Sources	CHPB	2/22/2010	4/9/2010	In DCD Rev. Docketed	SE CI 12.02-5. MHI added note to the DCD Table 12.2-1 on the first 2 sheets in Rev 3.
12	12.2	12.02-30	532	4019	Confirmatory Action NRC	None	Radiation Sources	CHPB	2/22/2010	4/9/2010	In DCD Rev. Docketed	SE CI 12.02-6. Added COL 12.3(9) appropriately per the RAI to DCD Rev 3.
12	12.2	12.02-31	561	4441	Confirmatory Action NRC	None	Radiation Sources	CHPB	3/23/2010	4/9/2010	In DCD Rev. Docketed	SE CI 12.02-7. RAI response refers to question 12.02-23 for the DCD changes, which have been incorporated into Rev 3 of the DCD.

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12	12.3-12.4	12.03-12.04-25	429	3178	Confirmatory Action NRC	None	Radiation Protection Design Features	CHPB	7/30/2009	11/25/2009	In DCD Rev. Docketed	SE CI 12.03-12.04-1 (for question Part 1) and 12.03-12.04-2 (for question Part 3). All changes in DCD Rev 3.
12	12.3-12.4	12.03-12.04-26	429	3178	Confirmatory Action NRC	None	Radiation Protection Design Features	CHPB	7/30/2009	11/25/2009	In DCD Rev. Docketed	SE CI 12.03-12.04-3. DCD Rev 3 includes COL 12.3(6), 12.3(7), and 12.3(8).
12	12.3-12.4	12.03-12.04-30	429	3178	Confirmatory Action NRC	None	Radiation Protection Design Features	CHPB	7/30/2009	11/25/2009	In DCD Rev. Docketed	SE CI 12.03-12.04-5. Figure 12.3-1 (sh 11 of 34) changes were incorporated into DCD Rev 3.
12	12.3-12.4	12.03-12.04-31	429	3178	Confirmatory Action NRC	None	Radiation Protection Design Features	CHPB	7/30/2009	11/25/2009	In DCD Rev. Docketed	SE CI 12.03-12.04-6. DCD Rev 3 Section 12.4.1 per the RAI response.
12	12.3-12.4	12.03-12.04-33	524	4020	Confirmatory Action NRC	SER Open Item	Radiation Protection Design Features	CHPB	1/26/2010	9/15/2010	In DCD Rev. Docketed	SE CI 12.03-12.04-7. Figure 12.3-1 changes reflected in sh 16-19 of DCD Rev 3.
12	12.3-12.4	12.03-12.04-34	524	4020	Confirmatory Action NRC	None	Radiation Protection Design Features	CHPB	1/26/2010	10/12/2010	In DCD Rev. Docketed	SE CI 12.03-12.04-8. RAI response incorporated into DCD Rev 3.
12	12.3-12.4	12.03-12.04-36	524	4020	Confirmatory Action NRC	SER Open Item	Radiation Protection Design Features	CHPB	1/26/2010	9/15/2010	In DCD Rev. Docketed	SE CI 12.03-12.04-9 RAI response incorporated into DCD Rev 3.
12	12.3-12.4	12.03-12.04-39	578	4483	Confirmatory Action NRC	SER Open Item	Radiation Protection Design Features	CHPB	4/27/2010	8/9/2010	In DCD Rev. Docketed	SE CI 12.03-12.04-10. All changed have been included in DCD Rev 3.
14	14.3.3	14.03.03-16	242	2153	Confirmatory Action NRC	None	Inspections, Tests, Analyses, and Acceptance Criteria	EMB2	3/2/2009	6/7/2011	In DCD Rev. Docketed	This RAI response was revised by the Tier 1 Improvement Project to reflect what was incorporated into Tier 1 Rev 3. the revise response and DCD Rev. 3 therefore match.
15	15.6.5	15.06.05-15	352	2369	Confirmatory Action NRC	None	Loss of Coolant Accidents Resulting From Spectrum of Postulated Piping Breaks Within the Reactor Coolant Pressure Boundary	SRSB	5/4/2009	7/17/2009	In Official Submittal	SE OI 15.6.5-2
16	16.3	16-26	134	1825	Confirmatory Action Applicant	SER Open Item	Technical Specifications	CTSB	12/22/2008	2/4/2009	In DCD Rev. Docketed	OI-SRP-16-CTSB-134-1825 The NRC has previously indicated this item is to be closed. The required changes have been made in DCD Rev. 3.
16	16.3	16-27	134	1825	Confirmatory Action Applicant	SER Open Item	Technical Specifications	CTSB	12/22/2008	2/4/2009	In DCD Rev. Docketed	OI-16-CTSB-134-1825 The necessary changes have been made to DCD Rev. 3 and MUAP-07024. The NRC has previously indicated this item is to be closed.
16	16.3.3	16-300	520	4183	Confirmatory Action NRC	None	Technical Specifications	CTSB	1/19/2010	2/22/2010	In DCD Rev. Docketed	In DCD Rev. 3
18	18.5	18-104	725	5408	Confirmatory Action NRC	None	Human Factors Engineering	COLP	3/28/2011	4/27/2011	In Official Submittal	MUAP-10008 Rev. 1 has been submitted and the committed changes have been made.
18	18.10	18-159	796	5728	Confirmatory Action Applicant	None	Human Factors Engineering	COLP	8/3/2011	2/16/2012	In Official Submittal	Response has been included in MUAP-10012 Rev. 1. The MUAP was officially submitted on 2/14/2012.

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18	18.10	18-171	796	5728	Confirmatory Action Applicant	None	Human Factors Engineering	COLP	8/3/2011	2/16/2012	In Official Submittal	Response has been included in MUAP-10012 Rev. 1. The MUAP was officially submitted on 2/14/2012.
18	18.10	18-173	796	5728	Confirmatory Action Applicant	None	Human Factors Engineering	COLP	8/3/2011	2/16/2012	In Official Submittal	Response has been included in MUAP-10012 Rev. 1. The MUAP was officially submitted on 2/14/2012.
18	18.10	18-174	796	5728	Confirmatory Action Applicant	None	Human Factors Engineering	COLP	8/3/2011	2/16/2012	In Official Submittal	Response has been included in MUAP-10012 Rev. 1. The MUAP was officially submitted on 2/14/2012.
19	19	19-436	601	4747	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPRA	6/25/2010	7/27/2010	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19	19-437	601	4747	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPRA	6/25/2010	7/27/2010	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19	19-439	608	4776	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPRA	7/20/2010	9/3/2010	In DCD Rev. Docketed	Core Exit Thermocouples added to table 17.4-1 per RAI response in Rev 3 of DCD.
19	19	19-440	608	4776	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPRA	7/20/2010	9/3/2010	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19	19-498	681	5257	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPRA	1/20/2011	2/17/2011	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19.1	19.01-2	621	4947	Confirmatory Action Applicant	None	Informed	SPRA	8/30/2010	9/29/2010	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19.1	19-115	69	1150	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	9/8/2008	10/7/2008	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19.1.5.1	19-398	454	3000	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SEB1	9/9/2009	9/7/2010	In DCD Rev. Docketed	Changes to PRA were incorporated in R3 of PRA Report. NRC can close this question.
19	19.1.6	19-334	369	2625	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	5/14/2009	6/12/2009	In DCD Rev. Docketed	Changes were incorporated in DCD Rev 2 of Chapter 19.
19	19.1.6	19-342	369	2625	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	5/14/2009	7/10/2009	In DCD Rev. Docketed	Changes to PRA model were incorporated in Rev 2 of PRA Report (12/2009). NRC can close this question.
19	19.1.6	19-396	443	3332	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	8/25/2009	10/2/2009	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19.1.6	19-404	479	3871	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	10/26/2009	11/25/2009	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19.1.6	19-407	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	In DCD Rev. Docketed	DCD changes described in RAI were incorporated in DCD Rev 3. NRC can close this question.



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19	19.1.6	19-409	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19.1.6	19-412	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19.1.6	19-413	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19.1.6	19-416	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19.1.6	19-417	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19.1.6	19-419	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.
19	19.1.6	19-420	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	In DCD Rev. Docketed	RAI response incorporated into Rev 3 of the DCD.

Chap.	Section	Question No :	NRC Letter No :	System RAI No :	Question Status **	Reason	SRP Section:	Tech Branch	RAI Issued:	RAI Response:	CA MNES Evaluation	MNES Detail
3	3.11	03.11-4	358	2642	Confirmatory Action NRC	None	Environmental Qualification of Mechanical and Electrical Equipment	CHPB	5/13/2009	7/10/2009	Discussion Needed	RAI response does not list any impact on DCD.
3	3.11	03.11-31	512	3893	Confirmatory Action NRC	None	Environmental Qualification of Mechanical and Electrical Equipment	CHPB	12/15/2009	1/28/2010	Discussion Needed	RAI response does not list any impact on DCD. Refers to RAI358-2642, Question 3.11-1 for DCD and MUAP-08015 changes
3	3.11	03.11-32	512	3893	Confirmatory Action NRC	None	Environmental Qualification of Mechanical and Electrical Equipment	CHPB	12/15/2009	1/28/2010	Discussion Needed	RAI response does not list any impact on DCD.
3	3.11	03.11-35	512	3893	Confirmatory Action NRC	None	Environmental Qualification of Mechanical and Electrical Equipment	CHPB	12/15/2009	1/28/2010	Discussion Needed	RAI response does not list any impact on DCD.
7	7.5	07.05-20	656	5127	Confirmatory Action NRC	None	Information Systems Important to Safety	ICE2	11/15/2010	4/28/2011	Discussion Needed	Response makes no commitment to change any document.
16	16.3	16-8	72	853	Confirmatory Action Applicant	SER Open Item	Technical Specifications	EEB	9/11/2008	10/8/2008	Discussion Needed	OI-SRP-16.3.8-EEB-08 The response to this RAI (UAP-HF-08227) states no changes are to be made to the DCD. The NRC has previously indicated this item is to be closed.
18	18.1	18-112	728	4534	Confirmatory Action Applicant	None	Human Factors Engineering	COLP	4/6/2011	5/12/2011	Discussion Needed	MUAP-09019 has been revised and submitted on 1/10/2012. Discussion with the staff is needed regarding this response.
19	19	19-45	39	548	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/29/2008	11/11/2008	Discussion Needed	RAI response does not list any impact on DCD.  Followed up by Rai 138-1704 Question No. 19-238 Update from Ruth 8/13/2012 did not contain any information on this Q.
19	19	19-193	98	1587	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	11/10/2008	12/8/2008	Discussion Needed	RAI response does not list any impact on DCD. Update from Ruth 8/13/2012: should be changed to "resolved/closed". Has not been changed as of 8/20.
19	19.1	19-111	69	1150	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	9/8/2008	10/7/2008	Discussion Needed	RAI response does not list any impact on DCD. Update from Ruth 8/13/2012: should be changed to "resolved/closed". Has not been changed as of 8/20.
19	19.1	19-502	744	5668	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPRA	4/27/2011	9/8/2011	Discussion Needed	RAI response does not list any impact on DCD. Update from Ruth 8/13/2012, to change from CA to R-C. Has not been changed as of 8-20.

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19	19.1	19-505	744	5668	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPRA	4/27/2011	9/8/2011	Discussion Needed	RAI response does not list any impact on DCD. Update from Ruth 8/13/2012, to change from CA to R-C. Has not been changed as of 8-20.
19	19.1.5.1	19-293	178	1930	Confirmatory Action NRC	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SEB1	2/3/2009	4/3/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from CA to U-C. Has not been changed as of 8/20.  Followed up by RAI 454-3000 Question No. 19-398
19	19.1.6	19-314	266	2201	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	3/9/2009	5/8/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from CA to R-C. Has not been changed as of 8/20.  Followed up by RAI 395-3007 Question No. 19-352
19	19.1.6	19-402	479	3871	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	10/26/2009	11/25/2009	Discussion Needed	Chapter 19 changes in RAI response incorporated into Rev 3 of the DCD. Update from Ruth 8/13/2012, to change from CA to U-C with follow-up identified as 601-4747 Q 19-436. Has not been changed as of 8/20.
19	19.1.6	19-403	479	3871	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	10/26/2009	11/25/2009	Discussion Needed	Part of the impact on DCD in the RAI response was incorporated into Rev 3 of the DCD, and the rest of the change has now been incorporated in the Living DCD.  Followed up by RAI 601-4747 Question No. 19-437 Update from Ruth 8/13/2012, to change from CA to U-C. Has not been changed as of 8/20.
19	19.1.6	19-410	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	Discussion Needed	The appropriate portions of Rev. 3 of the DCD have been edited, but they do not match what is in the RAI response. Update from Ruth 8/13/2012 did not contain any information on this Q.
19	19.1.6	19-414	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	Discussion Needed	The appropriate portions of Rev. 3 of the DCD have been edited, but they do not match what is in the RAI response. Update from Ruth 8/13/2012, to change from CA to R-C. Has not been changed as of 8/20.

Chap.	Section	Question No :	NRC Letter No :	System RAI No :	Question Status **	Reason	SRP Section:	Tech Branch	RAI Issued:	RAI Response:	CA MNES Evaluation	MNES Detail
19	19.1.6	19-415	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	Discussion Needed	RAI response incorporated into Rev 3 of the DCD, however, wording is not exactly the same. Update from Ruth 8/13/2012, to change from CA to R-C. Has not been changed as of 8/20.
19	19.1.6	19-418	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	Discussion Needed	D Sub Train listed as "ESW 1 pump/train" instead of "Unavailable" RAI response incorporated into Rev 3 of the DCD, however, wording is not exactly the same. Update from Ruth 8/13/2012, to change from CA to R-C. Has not been changed as of 8/20.
19	19.1.6	19-422	528	4023	Confirmatory Action Applicant	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	2/1/2010	3/3/2010	Discussion Needed	Additional 5.4.7.2.3.6 in the "Dispositions" column RAI response incorporated into Rev 3 of the DCD, however, wording is not exactly the same.  Changes to 1 paragraph were incorporated, but changes to the other paragraph were not. Update from Ruth 8/13/2012, to change from CA to U-C with follow-up identified as 612-4947 Q 19.01-7. Has not been changed as of 8/20.

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3	3.6.2	03.06.02-41	636	4732	Unresolved - Closed	SER Open Item	Determination of Rupture Locations and Dynamic Effects Associated with the Postulated Rupture of Piping	EMB2	9/23/2010	12/15/2010	Discussion Needed	SER Open Item  It is believed that "In Evaluation" with IE MNES Evaluation of "NRC Review" should be appropriate because NRC plans to update the SE by mid-September.
3	3.6.2	03.06.02-42	636	4732	Unresolved - Closed	SER Open Item	Determination of Rupture Locations and Dynamic Effects Associated with the Postulated Rupture of Piping	EMB2	9/23/2010	12/15/2010	Discussion Needed	SER Open Item  It is believed that "In Evaluation" with IE MNES Evaluation of "NRC Review" should be appropriate because NRC plans to update the SE by mid-September.
3	3.6.2	03.06.02-43	636	4732	Unresolved - Closed	SER Open Item	Determination of Rupture Locations and Dynamic Effects Associated with the Postulated Rupture of Piping	EMB2	9/23/2010	12/15/2010	Discussion Needed	SER Open Item  It is believed that "In Evaluation" with IE MNES Evaluation of "NRC Review" should be appropriate because NRC plans to update the SE by mid-September.
3	3.7.1	03.07.01-1	211	1946	Unresolved - Closed	None	Seismic Design Parameters	SEB1	2/25/2009	4/23/2009	Discussion Needed	No follow up found to 3 of the 7 questions that make up this RAI question
3	3.7.1	03.07.01-2	494	3978	Unresolved - Closed	None	Seismic Design Parameters	SEB1	12/1/2009	1/29/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.7.1	03.07.01-6	643	4967	Unresolved - Closed	None	Seismic Design Parameters	SEB1	10/4/2010	11/11/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.7.1	03.07.01-10	643	4967	Unresolved - Closed	None	Seismic Design Parameters	SEB1	10/4/2010	11/11/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.7.1	03.07.01-22	850	6002	Unresolved - Closed	None	Seismic Design Parameters	SEB1	10/21/2011	12/1/2011	Discussion Needed	No Follow Up Found
3	3.7.2	03.07.02-1	212	1950	Unresolved - Closed	None	Seismic System Analysis	SEB1	2/25/2009	5/7/2009	Discussion Needed	NO FOLLOW UP FOUND for some of the subquestion.
3	3.7.2	03.07.02-7	542	4262	Unresolved - Closed	None	Seismic System Analysis	SEB1	3/2/2010	3/30/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.7.2	03.07.02-10	603	4666	Unresolved - Closed	None	Seismic System Analysis	SEB1	6/25/2010	8/30/2010	Discussion Needed	No Follow Up Found
3	3.7.2	03.07.02-11	625	4924	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/30/2010	11/4/2010	Discussion Needed	No Follow Up Found
3	3.7.2	03.07.02-12	625	4924	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/30/2010	11/4/2010	Discussion Needed	No Follow Up Found
3	3.7.2	03.07.02-13	625	4924	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/30/2010	11/4/2010	Discussion Needed	No Follow Up Found
3	3.7.2	03.07.02-14	625	4924	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/30/2010	11/4/2010	Discussion Needed	No Follow Up Found
3	3.7.2	03.07.02-15	625	4924	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/30/2010	11/4/2010	Discussion Needed	No Follow Up Found
3	3.7.2	03.07.02-16	625	4924	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/30/2010	11/4/2010	Discussion Needed	No Follow Up Found

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3	3.7.2	03.07.02-17	625	4924	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/30/2010	11/4/2010	Discussion Needed	No Follow Up Found
3	3.7.2	03.07.02-18	625	4924	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/30/2010	11/4/2010	Discussion Needed	No Follow Up Found
3	3.7.2	03.07.02-20	625	4924	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/30/2010	11/4/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.7.2	03.07.02-22	625	4924	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/30/2010	11/4/2010	Discussion Needed	No Follow Up Found
3	3.7.2	03.07.02-27	660	5134	Unresolved - Closed	None	Seismic System Analysis	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.7.2	03.07.02-28	660	5134	Unresolved - Closed	None	Seismic System Analysis	SEB1	11/15/2010	12/28/2010	Discussion Needed	No Follow Up Found
3	3.7.2	03.07.02-30	660	5134	Unresolved - Closed	None	Seismic System Analysis	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.7.2	03.07.02-31	660	5134	Unresolved - Closed	None	Seismic System Analysis	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.7.2	03.07.02-32	660	5134	Unresolved - Closed	None	Seismic System Analysis	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.7.2	03.07.02-33	660	5134	Unresolved - Closed	None	Seismic System Analysis	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.7.2	03.07.02-86	800	5879	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/5/2011	9/7/2011	Discussion Needed	No Follow-up found
3	3.7.2	03.07.02-93	810	5874	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/22/2011	11/22/2011	Discussion Needed	No Follow-up found
3	3.7.2	03.07.02-104	810	5874	Unresolved - Closed	None	Seismic System Analysis	SEB1	8/22/2011	11/22/2011	Discussion Needed	No Follow Up Found
3	3.7.3	03.07.03-3	493	3983	Unresolved - Closed	None	Seismic Subsystem Analysis	SEB1	12/1/2009	1/28/2010	Discussion Needed	No Follow Up Found
3	3.7.3	03.07.03-4	493	3983	Unresolved - Closed	None	Seismic Subsystem Analysis	SEB1	12/1/2009	1/28/2010	Discussion Needed	No Follow Up Found
3	3.7.3	03.07.03-6	799	5877	Unresolved - Closed	None	Seismic Subsystem Analysis	SEB1	8/5/2011	9/7/2011	Discussion Needed	No Follow Up Found
3	3.7.3	03.07.03-7	799	5877	Unresolved - Closed	None	Seismic Subsystem Analysis	SEB1	8/5/2011	10/7/2011	Discussion Needed	No Follow Up Found
3	3.7.3	03.07.03-9	799	5877	Unresolved - Closed	None	Seismic Subsystem Analysis	SEB1	8/5/2011	9/7/2011	Discussion Needed	No Follow Up Found
3	3.7.4	03.07.04-3	538	4320	Unresolved - Closed	None	Seismic Instrumentation	RGS1	3/2/2010	3/30/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.1	03.08.01-1	223	1996	Unresolved - Closed	None	Concrete Containment	SEB1	2/26/2009	4/24/2009	Discussion Needed	Most items in this RAI question had No Follow Up Found
3	3.8.1	03.08.01-2	490	3732	Unresolved - Closed	None	Concrete Containment	SEB1	11/23/2009	2/4/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.1	03.08.01-4	490	3732	Unresolved - Closed	None	Concrete Containment	SEB1	11/23/2009	2/4/2010	Discussion Needed	No Follow Up Found
3	3.8.1	03.08.01-8	490	3732	Unresolved - Closed	None	Concrete Containment	SEB1	11/23/2009	2/4/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.

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3	3.8.1	03.08.01-9	490	3732	Unresolved - Closed	None	Concrete Containment	SEB1	11/23/2009	2/4/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.1	03.08.01-10	490	3732	Unresolved - Closed	None	Concrete Containment	SEB1	11/23/2009	2/4/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.1	03.08.01-11	661	5129	Unresolved - Closed	None	Concrete Containment	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.1	03.08.01-13	661	5129	Unresolved - Closed	None	Concrete Containment	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.3	03.08.03-1	322	1999	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	4/8/2009	9/17/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.3	03.08.03-25	491	3733	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	11/23/2009	3/3/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.3	03.08.03-26	662	5131	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.3	03.08.03-28	662	5131	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	11/15/2010	12/28/2010	Discussion Needed	No Follow Up Found
3	3.8.3	03.08.03-29	662	5131	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.3	03.08.03-32	662	5131	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.3	03.08.03-36	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated a follow-up question is to be issued. At this time no such question has been identified.
3	3.8.3	03.08.03-37	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated this question should be closed.
3	3.8.3	03.08.03-42	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated a follow-up question is to be issued. At this time no such question has been identified.
3	3.8.3	03.08.03-43	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated this question cannot be closed until an audit of the subject calculation has been performed. It has been requested the NRC make this item a CA. NRC stated the response cannot be a CA.

Chap.	Section	Question No :	NRC Letter No :	System RAI No :	Question Status **	Reason	SRP Section:	Tech Branch	RAI Issued:	RAI Response:	U-C MNES Evaluation	MNES Detail
3	3.8.3	03.08.03-44	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated this question cannot be closed until an audit of the subject calculation has been performed. It has been requested the NRC make this item a CA. NRC stated the response cannot be a CA.
3	3.8.3	03.08.03-45	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated a follow-up question is to be issued. At this time no such question has been identified.
3	3.8.3	03.08.03-46	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated this question cannot be closed until an audit of the subject calculation has been performed. It has been requested the NRC make this item a CA. NRC stated the response cannot be a CA.
3	3.8.3	03.08.03-47	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated this question cannot be closed until an audit of the subject calculation has been performed. It has been requested the NRC make this item a CA. NRC stated the response cannot be a CA.
3	3.8.3	03.08.03-48	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated a follow-up question is to be issued. At this time no such question has been identified.
3	3.8.3	03.08.03-49	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated a follow-up question is to be issued. At this time no such question has been identified.
3	3.8.3	03.08.03-50	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated a follow-up question is to be issued. At this time no such question has been identified.
3	3.8.3	03.08.03-54	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated this question cannot be closed until an audit of the subject calculation has been performed. It has been requested the NRC make this item a CA. NRC stated the response cannot be a CA.
3	3.8.3	03.08.03-55	858	6126	Unresolved - Closed	None	Concrete and Steel Internal Structures of Steel or Concrete Containments	SEB1	10/25/2011	2/28/2012	Discussion Needed	NRC has indicated this question cannot be closed until an audit of the subject calculation has been performed. It has been requested the NRC make this item a CA. NRC stated the response cannot be a CA.
3	3.8.4	03.08.04-1	342	2000	Unresolved - Closed	None	Other Seismic Category I Structures	SEB1	4/21/2009	7/3/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.4	03.08.04-2	342	2000	Unresolved - Closed	None	Other Seismic Category I Structures	SEB1	4/21/2009	7/3/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.



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3	3.8.4	03.08.04-12	342	2000	Unresolved - Closed	None	Other Seismic Category I Structures	SEB1	4/21/2009	7/3/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.4	03.08.04-13	342	2000	Unresolved - Closed	None	Other Seismic Category I Structures	SEB1	4/21/2009	7/3/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.4	03.08.04-20	342	2000	Unresolved - Closed	None	Other Seismic Category I Structures	SEB1	4/21/2009	7/3/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.4	03.08.04-33	497	3734	Unresolved - Closed	None	Other Seismic Category I Structures	SEB1	12/1/2009	2/19/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.4	03.08.04-38	497	3734	Unresolved - Closed	None	Other Seismic Category I Structures	SEB1	12/1/2009	2/19/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.4	03.08.04-39	497	3734	Unresolved - Closed	None	Other Seismic Category I Structures	SEB1	12/1/2009	2/19/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.4	03.08.04-42	497	3734	Unresolved - Closed	None	Other Seismic Category I Structures	SEB1	12/1/2009	2/19/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-2	340	2004	Unresolved - Closed	None	Foundations	SEB1	4/21/2009	7/3/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-4	340	2004	Unresolved - Closed	None	Foundations	SEB1	4/21/2009	7/3/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-9	340	2004	Unresolved - Closed	None	Foundations	SEB1	4/21/2009	7/3/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-11	340	2004	Unresolved - Closed	None	Foundations	SEB1	4/21/2009	7/3/2009	Discussion Needed	No Follow Up Found
3	3.8.5	03.08.05-12	340	2004	Unresolved - Closed	None	Foundations	SEB1	4/21/2009	7/3/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-13	340	2004	Unresolved - Closed	None	Foundations	SEB1	4/21/2009	7/3/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-17	340	2004	Unresolved - Closed	None	Foundations	SEB1	4/21/2009	7/3/2009	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-24	496	3735	Unresolved - Closed	None	Foundations	SEB1	12/1/2009	2/4/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-25	496	3735	Unresolved - Closed	None	Foundations	SEB1	12/1/2009	2/4/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-29	496	3735	Unresolved - Closed	None	Foundations	SEB1	12/1/2009	2/4/2010	Discussion Needed	No Follow Up Found
3	3.8.5	03.08.05-31	496	3735	Unresolved - Closed	None	Foundations	SEB1	12/1/2009	2/4/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-32	496	3735	Unresolved - Closed	None	Foundations	SEB1	12/1/2009	2/4/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-36	657	5135	Unresolved - Closed	None	Foundations	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-38	657	5135	Unresolved - Closed	None	Foundations	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-39	657	5135	Unresolved - Closed	None	Foundations	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.8.5	03.08.05-40	657	5135	Unresolved - Closed	None	Foundations	SEB1	11/15/2010	12/28/2010	Discussion Needed	Seismic Closure Plan (3/31) commits to change this response.
3	3.9.1	03.09.01-2	296	2254	Unresolved - Closed	SER Open Item	Special Topics for Mechanical Components	EMB1	4/1/2009	5/14/2009	Discussion Needed	SER Open Item The computer code audit has already been held.
3	3.9.3	03.09.03-12	209	1803	Unresolved - Closed	SER Open Item	ASME Code Class 1, 2, and 3 Components	EMB2	2/25/2009	4/30/2009	Discussion Needed	SER Open Item 8/20; the staff agreed to change it to Resolved -Closed
3	3.9.3	03.09.03-13	209	1803	Unresolved - Closed	SER Open Item	ASME Code Class 1, 2, and 3 Components	EMB2	2/25/2009	3/4/2011	Discussion Needed	SER Open Item Feedback needed

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3	3.9.4	03.09.04-1	107	1293	Unresolved - Closed	None	Control Rod Drive Systems	EMB1	11/24/2008	8/11/2011	Discussion Needed	10 Part Question.  Partially followed up by RAI 848-6093 Question No. 03.09.04-14  Part 1, 6, and 7 are to be revised after MUAP-09002 is issued
3	3.9.4	03.09.04-14	848	6093	Unresolved - Closed	None	Control Rod Drive Systems	EMB1	10/21/2011	11/18/2011	Discussion Needed	This response is to be revised after MUAP-09002 is issued
3	3.9.5	03.09.05-10	374	2446	Unresolved - Closed	None	Reactor Pressure Vessel Internals	EMB1	5/21/2009	7/17/2009	Discussion Needed	No Follow Up Found  This response(NR tie rod) is to be revised based on discussions with the staff
3	3.9.5	03.09.05-16	374	2446	Unresolved - Closed	None	Reactor Pressure Vessel Internals	EMB1	5/21/2009	7/17/2009	Discussion Needed	No Follow Up Found Impact on DCD has been incorporated int Rev 3
3	3.9.5	03.09.05-26	374	2446	Unresolved - Closed	None	Reactor Pressure Vessel Internals	EMB1	5/21/2009	7/17/2009	Discussion Needed	No Follow Up Found Feedback needed
3	3.9.5	03.09.05-32	663	4996	Unresolved - Closed	SER Open Item	Reactor Pressure Vessel Internals	EMB1	11/15/2010	1/21/2011	Discussion Needed	SER Open Item Impacts on DCD listed, and Living DCD matches the changes stated in the response
3	3.9.5	03.09.05-34	663	4996	Unresolved - Closed	SER Open Item	Reactor Pressure Vessel Internals	EMB1	11/15/2010	1/21/2011	Discussion Needed	SER Open Item  This response commits to provide a test report, which was submitted to the NRC in March 2011 (MUAP-11012)
3	3.9.6	03.09.06-69	896	6269	Unresolved - Closed	SER Open Item	Functional Design Qualification and Inservice Testing Programs for Pumps, Valves, and Dynamic Restraints	CIB1	1/30/2012	4/3/2012	Discussion Needed	Draft revised response was sent to the NRC on 5/7, and waiting for feedback from the staff
3	3.12	03.12-25	742	5703	Unresolved - Closed	None	ASME Code Class 1, 2, and 3 Piping Systems and Piping Components and Their Associated Supports	EMB1	4/27/2011	7/6/2012	Discussion Needed	Impacts on DCD listed Recently revised, the status indicates the response is not acceptable?
4	4.4	04.04-21	530	3989	Unresolved - Closed	None	Thermal and Hydraulic Design	SRSB	2/1/2010	3/4/2010	Discussion Needed	This RAI is no longer applicable. MHI has amended MUAP-08013-R2 (UAP-UF-11285) to replace the WCOBRA/TRAC calculations with the confirmatory test results (CIB testing).

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4	4.4	04.04-22	530	3989	Unresolved - Closed	None	Thermal and Hydraulic Design	SRSB	2/1/2010	3/4/2010	Discussion Needed	This RAI is no longer applicable. MHI has amended MUAP-08013-R2 (UAP-UF-11285) to replace the WCOBRA/TRAC calculations with the confirmatory test results (CIB testing). And the result of the unblocked core condition case of the WCOBRA/TRAC calculation has been used for trapping debris in fuel assemblies analysis as boundary conditions.
4	4.4	04.04-23	530	3989	Unresolved - Closed	None	Thermal and Hydraulic Design	SRSB	2/1/2010	3/4/2010	Discussion Needed	This RAI is no longer applicable. MHI has amended MUAP-08013-R2 (UAP-UF-11285) to replace the WCOBRA/TRAC calculations with the confirmatory test results (CIB testing). And the result of the unblocked core condition case of the WCOBRA/TRAC calculation has been used for trapping debris in fuel assemblies analysis as boundary conditions.
4	4.4	04.04-24	530	3989	Unresolved - Closed	None	Thermal and Hydraulic Design	SRSB	2/1/2010	3/4/2010	Discussion Needed	
4	4.4	04.04-27	530	3989	Unresolved - Closed	None	Thermal and Hydraulic Design	SRSB	2/1/2010	3/4/2010	Discussion Needed	
4	4.4	04.04-36	530	3989	Unresolved - Closed	None	Thermal and Hydraulic Design	SRSB	2/1/2010	3/4/2010	Discussion Needed	a) through c) These questions are no longer applicable. MHI has amended MUAP-08013-R2 (UAP-UF-11285) to replace the WCOBRA/TRAC calculations with the confirmatory test results (CIB testing). d) MHI carried out CIB testing and test report has been submitted.
4	4.4	04.04-37	530	3989	Unresolved - Closed	None	Thermal and Hydraulic Design	SRSB	2/1/2010	3/4/2010	Discussion Needed	a) The design basis bypass fiber has been defined in MUAP-08013-R2 (UAP-HF-11285) b) MHI has already updated MUAP-08013-R2 to make the statement change to avoid inaccuracy.
4	4.4	04.04-38	530	3989	Unresolved - Closed	None	Thermal and Hydraulic Design	SRSB	2/1/2010	3/4/2010	Discussion Needed	This RAI is no longer applicable. MHI has amended MUAP-08013-R2 (UAP-UF-11285) to replace the WCOBRA/TRAC calculations with the confirmatory test results (CIB testing).
4	4.4	04.04-40	530	3989	Unresolved - Closed	None	Thermal and Hydraulic Design	SRSB	2/1/2010	5/29/2012	Discussion Needed	Follow-up RAIs have been issued to Ch6, previously identified as QC/IU, then CA now Responded. MHI has committed to revise this response by 5/31/12.
5	5.4.7	05.04.07-11	464	3520	Unresolved - Closed	SER Open Item	Residual Heat Removal (RHR) System	SRSB	10/6/2009	8/6/2012	Discussion Needed	OI5.4.7-11, Gas Accumulation

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6	6.2.2	06.02.02-30	354	2585	Unresolved - Closed	None	Containment Heat Removal Systems	SPCV	5/7/2009	7/7/2009	Discussion Needed	Staff to re-evaluate status based on MUAP-08001 Rev. 7 due for 8/31/12 submittal.
6	6.2.2	06.02.02-54	466	3715	Unresolved - Closed	None	Containment Heat Removal Systems	SPCV	10/6/2009	11/24/2009	Discussion Needed	Staff to re-evaluate status based on MUAP-08001 Rev. 7 due for 8/31/12 submittal.
6	6.2.5	06.02.05-40	635	4954	Unresolved - Closed	None	Combustible Gas Control in Containment	SPCV	9/20/2010	10/20/2010	Discussion Needed	No Follow-up Found. Related to severe accident screening criteria, and containment pressure calc for hydrogen burn.
6	6.3	06.03-100	737	5705	Unresolved - Closed	None	Emergency Core Cooling System	SRSB	4/20/2011	5/30/2011	Discussion Needed	Incorrect status. No DCD impact. Closure awaiting review of MUAP-08001 on 8/31/12.
6	6.3	06.03-101	737	5705	Unresolved - Closed	None	Emergency Core Cooling System	SRSB	4/20/2011	5/30/2011	Discussion Needed	Staff indicated a need to confirm revision of 4BS-UAP-10005 to address RAI response.
10	10.2.3	10.02.03-3	199	2073	Unresolved - Closed	None	Turbine Rotor Integrity	CIB1	2/9/2009	6/26/2012	Discussion Needed	Open Item 10.2.3-3  No Follow Up Found  To be closed when RAI 782-5910 is resolved.
10	10.2.3	10.02.03-7	199	2073	Unresolved - Closed	None	Turbine Rotor Integrity	CIB1	2/9/2009	6/26/2012	Discussion Needed	No Follow Up Found
14	14.3.7	14.03.07-58	782	5910	Unresolved - Closed	None	Inspections, Tests, Analyses, and Acceptance Criteria	SBPA	7/20/2011	8/8/2011	Discussion Needed	Turbine missile ITAAC question, resolution in-progress
18	18.10	18-175	796	5728	Unresolved - Closed	None	Human Factors Engineering	COLP	8/3/2011	2/16/2012	Discussion Needed	No follow-up identified.
19	19	19-50	39	548	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/29/2008	8/28/2008	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-63	39	548	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/29/2008	8/28/2008	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-66	39	548	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/29/2008	8/28/2008	Discussion Needed	Update from Ruth 8/14/2012, reviewer has no issue with response but needs to locate the follow-up RAI or confirm closure.
19	19	19-361	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/9/2009	9/7/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-362	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/9/2009	9/7/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-363	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/9/2009	9/7/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-368	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/9/2009	9/7/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-369	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/9/2009	9/7/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.

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19	19	19-371	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/9/2009	9/7/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-376	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/9/2009	9/7/2009	Discussion Needed	NO FOLLOW UP FOUND Update from Ruth 8/14/2012, Staff need assistance identifying changed DCD areas. Conference call needed.
19	19	19-377	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/9/2009	9/7/2009	Discussion Needed	NO FOLLOW UP FOUND Update from Ruth 8/14/2012, Staff need assistance identifying changed DCD areas. Conference call needed.
19	19	19-384	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/9/2009	9/7/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-386	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/9/2009	9/7/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-387	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	7/9/2009	9/7/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-423	564	4399	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	3/29/2010	4/28/2010	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-424	564	4399	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	3/29/2010	4/28/2010	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-425	564	4399	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	3/29/2010	4/28/2010	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-426	564	4399	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	3/29/2010	4/28/2010	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-438	607	4778	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPRA	7/20/2010	9/3/2010	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19	19-528	764	5805	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SEB1	6/6/2011	7/15/2011	Discussion Needed	Confirm that RAI can be closed by response to RAI 871-6121 Q19-560.  Update from Ruth 8/13/2012: Staff will issue follow-up RAI in the future
19	19	19-529	764	5805	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SEB1	6/6/2011	9/8/2011	Discussion Needed	Confirm that RAI can be closed by response to RAI 871-6121 Q19-560.  Update from Ruth 8/13/2012: Staff will issue follow-up RAI in the future
19	19	19-530	764	5805	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SEB1	6/6/2011	9/8/2011	Discussion Needed	Confirm that RAI can be closed by response to RAI 871-6121 Q19-560.  Update from Ruth 8/13/2012: Staff will issue follow-up RAI in the future

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19	19	19-546	783	5855	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPRA	7/25/2011	8/24/2011	Discussion Needed	NO FOLLOWUP FOUND Update from Ruth 8/14/2012, status should be 'In Evaluation' and reviewer is reviewing through the end of September. Has not been changed as of 8/20.
19	19.1	19.01-4	621	4947	Unresolved - Closed	None	Informed	SPRA	8/30/2010	9/29/2010	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19.1	19.01-5	621	4947	Unresolved - Closed	None	Informed	SPRA	8/30/2010	7/19/2011	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to CA. Has not been changed as of 8/20.
19	19.1	19.01-11	668	5180	Unresolved - Closed	None	Informed	SPRA	11/29/2010	12/27/2010	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19.1	19-281	149	1744	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	1/9/2009	3/10/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19.1	19-284	149	1744	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	1/9/2009	2/6/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19.1	19-289	151	1824	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	1/12/2009	4/10/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.
19	19.1.6.1	19-220	138	1704	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	SPLA	1/9/2009	2/6/2009	Discussion Needed	Update from Ruth 8/13/2012, to change from U-C to R-C. Has not been changed as of 8/20.