

In Evaluation or Response Evaluation, response >90 days (76)											
Chap.	Section	Question No:	NRC Letter No :	System RAI No :	Question Status **	Reason	SRP Section:	RAI Issued:	RAI Response:	IE MNES Evaluation	MNES Detail
2	2	02-3	907	6321	In Evaluation	None	Site Characteristics and Site Parameters	03/05/2012	09/24/2012	MHI Action	Feedback received 12/2012, revision planned for 3/2013.
3	3.4.1	03.04.01-30	841	6055	Response Evaluation	SER Open Item	Internal Flood Protection for Onsite Equipment Failures	10/18/2011	10/19/2012	NRC Review	
3	3.10	03.10-18	951	6587	Response Evaluation	None	Seismic and Dynamic Qualification of Mechanical and Electrical Equipment	07/16/2012	10/15/2012	MHI Action	02/04/13 Conference Call is to be scheduled 02/13/13 Conference call was held on 02/06, and MHI needs to take an action to revise the response
3	3.11	03.11-43	880	6142	In Evaluation	None	Environmental Qualification of Mechanical and Electrical Equipment	12/21/2011	09/10/2012	NRC Review	12/3/12 - Conference call was held on 11/20, MHI received some feedback. 02/15/13 - A revised response to RAI805 was submitted, which addresses the feedback received on 12/03/12
3	3.12	03.12-29	804	5938	In Evaluation	None	ASME Code Class 1, 2, and 3 Piping Systems and Piping Components and TheirAssociated Supports	08/11/2011	11/25/2011	MHI Action	8/21/12 - issue with leakage detection and double isolation. Staff will provide a written comment, and then MHI needs to propose a date for a call. 09/07/12 - MHI is to provide comment resolution by 9/14 10/04/12 - responses to the staff's comments were provided. 12/17/12 - The Staff confirmed that MHI's approach is acceptable. MHI is revising the response to formalize the comment resolutions.
4	4.2	04.02-57	929	6380	In Evaluation	None	Fuel System Design	05/14/2012	07/10/2012	MHI Action	10/29/12 - Follow-up e-mail sent to the NRC to request update 02/13/13 Conference call is scheduled for 02/14/13
5	5.4.7	05.04.07-14	925	6413	In Evaluation	None	Residual Heat Removal (RHR) System	04/25/2012	06/26/2012	MHI Action	11/26/12 - Call was held w/ NRC to discuss a path forward. MHI received feedback, and needs to revise the strategy memo. 02/13/13 - A follow-up RAI will be issued to request MHI to provide a closure plan for the RHR mid-loop operation issue.
6	6.2.5	06.02.05-46	873	6168	Response Evaluation	None	Combustible Gas Control in Containment	11/21/2011	06/27/2012	NRC Review	Hydrogen detonation; closure tied to RAI 871-6121 Q 19-560 which is currently being revised. Listed as both a OI and CA in the draft SE. 2/15/13: The staff has provided feedback on a draft response to RAI 871-6121 Question 19-560 on 1/16/13. The staff had comments in regard to how 10 CFR 50.44(c)(3) is addressed as it relates to the nonsafety-related power sources of the hydrogen igniters. This question will remain in "response evaluation" until the final response to RAI 871-6121 Question 19-560 is issued.
6	6.2.6	06.02.06-36	966	6811	In Evaluation	None	Containment Leakage Testing	10/09/2012	11/06/2012	NRC Review	2/15/13: The staff has performed a review of the US-APWR secondary containment using SRP 6.2.3. The staff will issue an RAI on remaining issues with regard to the secondary containment functional design in this forthcoming RAI. When this RAI is issued, RAI 6811, Question 6.2.6-36 will be taken to "confirmatory action " status to ensure the DCD revisions indicated in the response are in DCD rev 4.
6	6.3	06.03-88	695	4934	In Evaluation	None	Emergency Core Cooling System	02/18/2011	05/31/2012	NRC Review	12/5: NRC does not anticipate any additional follow-up RAI on this topic, but it might be an open item in the Ch 6 SE for tracking purposes. 2/15/13: NRC PM confirmed this item to be updated to Resolved-Closed.

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6	6.4	06.04-11	559	4387	In Evaluation	None	Control Room Habitability System	03/23/2010	09/20/2012	NRC Review	11/1/12: NRC conference call discussed use of water-tight doors. 11/29/12: MHI provided additional clarification regarding the impact of the additional flood barriers on operational issues (ingress/egress). But we know reviewer is not available until after 12/10/12 for additional feedback. 2/12/13: No additl feedback received yet.
7	7.8	07.08-17	753	5742	In Evaluation	SER Open Item	Diverse Instrumentation and Control Systems	05/10/2011	09/30/2011	NRC Review	Open Item 07.08-17
7	7.8	07.08-18	753	5742	In Evaluation	SER Open Item	Diverse Instrumentation and Control Systems	05/10/2011	09/30/2011	NRC Review	Open Item 07.08-18
7	7.8	07.08-19	753	5742	In Evaluation	SER Open Item	Diverse Instrumentation and Control Systems	05/10/2011	09/30/2011	NRC Review	Open Item 07.08-19
7	7.8	07.08-20	753	5742	In Evaluation	SER Open Item	Diverse Instrumentation and Control Systems	05/10/2011	09/30/2011	NRC Review	Open Item 07.08-20
7	7.8	07.08-21	753	5742	In Evaluation	SER Open Item	Diverse Instrumentation and Control Systems	05/10/2011	09/30/2011	NRC Review	Open Item 07.08-21
7	7.8	07.08-22	753	5742	In Evaluation	SER Open Item	Diverse Instrumentation and Control Systems	05/10/2011	09/30/2011	NRC Review	Open Item 07.08-22
9	9.2.2	09.02.02-86	919	6392	In Evaluation	None	Reactor Auxiliary Cooling Water Systems	04/10/2012	07/27/2012	MHI Action	MHI has revised the RAI response and NRC is reviewing the draft.
12	12.3-12.4	12.03-12.04-40	895	6172	In Evaluation	None	Radiation Protection Design Features	01/27/2012	04/25/2012	NRC Review	NRC review is in-progress. Feedback expected after containment rack TeR are submitted in March 2013.
12	12.3-12.4	12.03-12.04-41	895	6172	In Evaluation	None	Radiation Protection Design Features	01/27/2012	04/25/2012	NRC Review	NRC review is in-progress. Feedback expected after containment rack TeR are submitted in March 2013.
12	12.3-12.4	12.03-12.04-42	895	6172	In Evaluation	None	Radiation Protection Design Features	01/27/2012	04/25/2012	NRC Review	NRC review is in-progress. Feedback expected after containment rack TeR are submitted in March 2013.
12	12.3-12.4	12.03-12.04-43	895	6172	In Evaluation	None	Radiation Protection Design Features	01/27/2012	04/25/2012	NRC Review	NRC review is in-progress. Feedback expected after containment rack TeR are submitted in March 2013.
12	12.3-12.4	12.03-12.04-44	895	6172	In Evaluation	None	Radiation Protection Design Features	01/27/2012	04/25/2012	NRC Review	NRC review is in-progress. Feedback expected after containment rack TeR are submitted in March 2013.
12	12.3-12.4	12.03-12.04-45	895	6172	In Evaluation	None	Radiation Protection Design Features	01/27/2012	04/25/2012	NRC Review	NRC review is in-progress. Feedback expected after containment rack TeR are submitted in March 2013.
12	12.3-12.4	12.03-12.04-46	895	6172	In Evaluation	None	Radiation Protection Design Features	01/27/2012	04/25/2012	NRC Review	NRC review is in-progress. Feedback expected after containment rack TeR are submitted in March 2013.
12	12.3-12.4	12.03-12.04-47	895	6172	In Evaluation	None	Radiation Protection Design Features	01/27/2012	04/25/2012	NRC Review	NRC review is in-progress. Feedback expected after containment rack TeR are submitted in March 2013.

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14	14.3	14.03-9	945	6452	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	09/25/2012	NRC Review	NRC internal meeting scheduled 1/29/13. 2/12 update - additional internal NRC discussion needed.
14	14.3	14.03-10	945	6452	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	09/25/2012	NRC Review	2/12/13: NRC feedback - no issues with response. MHI expects status to be updated soon.
14	14.3	14.03-11	945	6452	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	09/25/2012	MHI Action	MHI is reviewing NRC feedback received 1/15/13.
14	14.3	14.03-12	945	6452	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	09/25/2012	MHI Action	MHI is reviewing NRC feedback received 1/15/13.
14	14.3	14.03-13	945	6452	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	09/25/2012	NRC Review	NRC internal meeting scheduled 2/6/13. 2/12/13 update - additional NRC internal discussion needed.
14	14.3.4	14.03.04-43	941	6465	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	09/10/2012	MHI Action	NRC feedback received 1/16/13.
14	14.3.4	14.03.04-45	941	6465	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	09/10/2012	MHI Action	NRC feedback received 1/10/13.
14	14.3.4	14.03.04-46	941	6465	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	09/10/2012	NRC Review	1/10: NRC internal review regarding the scope of the alarms and instrumentation is ongoing.
14	14.3.4	14.03.04-48	941	6465	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	09/10/2012	MHI Action	MHI is reviewing NRC feedback received 2/12/13.
14	14.3.4	14.03.04-52	941	6465	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	09/10/2012	MHI Action	MHI is reviewing NRC feedback received 2/12/13.
14	14.3.6	14.03.06-33	946	6475	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	08/17/2012	MHI Action	1/16/13: NRC feedback received.
14	14.3.6	14.03.06-34	946	6475	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	08/17/2012	MHI Action	12/7/12: NRC feedback received. All revisions in RAI 946-6475 to be submitted together.
14	14.3.6	14.03.06-35	946	6475	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	08/17/2012	MHI Action	12/7/12: NRC feedback received. All revisions in RAI 946-6475 to be submitted together.
14	14.3.6	14.03.06-38	946	6475	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	08/17/2012	NRC Review	1/16/13: Additional NRC internal discussion needed.

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14	14.3.6	14.03.06-40	946	6475	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	08/17/2012	NRC Review	1/16: MHI believes NRC feedback addressed by RAI 945-6452 Q 5 and Q 7.
14	14.3.6	14.03.06-41	946	6475	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	08/17/2012	MHI Action	12/7/12: NRC feedback received. All revisions in RAI 946-6475 to be submitted together.
14	14.3.7	14.03.07-60	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	NRC Review	1/11: NRC feedback received. Issue will be resolved as part of the revision of RAI 782-5910.
14	14.3.7	14.03.07-62	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	NRC Review	1/11: Related to 6452 Q 14.03-10. Will be resolved together.
14	14.3.7	14.03.07-64	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	NRC Review	1/11: Related to 6452 Q 14.03-10. Will be resolved together.
14	14.3.7	14.03.07-68	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	MHI Action	12/11/12: NRC feedback received. MHI agrees. Waiting to address all questions in a single revision of 942-6476.
14	14.3.7	14.03.07-75	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	NRC Review	1/11: NRC feedback received. Living DCD matches RAI 827-5812. MHI expects this to become CA after January DCD TR is submitted.
14	14.3.7	14.03.07-76	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	MHI Action	1/11: NRC feedback received.
14	14.3.7	14.03.07-78	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	MHI Action	Call held 2/7. MHI to revise response.
14	14.3.7	14.03.07-79	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	MHI Action	Call held 2/7. MHI to revise response.
14	14.3.7	14.03.07-81	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	MHI Action	Call held 2/7. MHI to revise response.
14	14.3.7	14.03.07-83	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	MHI Action	1/16: NRC feedback received.
14	14.3.7	14.03.07-86	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	NRC Review	1/16: NRC feedback - this question is tied to RAI 6452 Q 14.03-13.
14	14.3.7	14.03.07-89	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	NRC Review	1/11: NRC feedback received. Living DCD matches RAI 827-5812. MHI expects this to become CA after January DCD TR is submitted.

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14	14.3.9	14.03.09-9	838	6095	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	10/11/2011	10/27/2011	NRC Review	HFE - DAC or ITAAC
14	14.3.9	14.03.09-10	838	6095	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	10/11/2011	10/27/2011	NRC Review	HFE - DAC or ITAAC
14	14.3.11	14.03.11-44	937	6478	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	05/29/2012	08/28/2012	NRC Review	1/16: Additional NRC discussion needed.
14	14.3.11	14.03.11-45	937	6478	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	05/29/2012	08/28/2012	NRC Review	1/16: Additional NRC discussion needed.
14	14.3.11	14.03.11-46	937	6478	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	05/29/2012	08/28/2012	NRC Review	1/16: Additional NRC discussion needed.
15	15	15-37	882	6237	In Evaluation	None	Transient and Accident Analyses	01/03/2012	01/31/2012	NRC Review	SE OI 15.00-3. Tied to Reload Methodology TeR revision. Draft document provided to NRC for review on 8/3/12. However, this is a resource loading issue, and MHI requested that the staff give higher priority to the boron precipitation issue.
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	10/31/2011	12/02/2011	NRC Review	SE OI 15.6.5-11 - boron precipitation; awaiting NRC review of ISL 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	10/31/2011	12/22/2011	NRC Review	SE OI 15.6.5-14 - boron precipitation; MHI is preparing a draft revised response in parallel with ISL performing confirmatory analyses. Target conference call to discuss progress the last week of February.
18	18.4	18-131	781	5886	In Evaluation	None	Human Factors Engineering	07/20/2011	12/15/2011		HFE documents are to be reorganized and submitted.
18	18.10	18-153	796	5728	In Evaluation	None	Human Factors Engineering	08/03/2011	02/16/2012		HFE documents are to be reorganized and submitted.
18	18.10	18-155	796	5728	In Evaluation	None	Human Factors Engineering	08/03/2011	02/16/2012		HFE documents are to be reorganized and submitted.
18	18.10	18-158	796	5728	In Evaluation	None	Human Factors Engineering	08/03/2011	02/16/2012		HFE documents are to be reorganized and submitted.
18	18.10	18-166	796	5728	In Evaluation	None	Human Factors Engineering	08/03/2011	02/16/2012		HFE documents are to be reorganized and submitted.
18	18.10	18-167	796	5728	In Evaluation	None	Human Factors Engineering	08/03/2011	02/16/2012		HFE documents are to be reorganized and submitted.
18	18.10	18-168	796	5728	In Evaluation	None	Human Factors Engineering	08/03/2011	02/16/2012		HFE documents are to be reorganized and submitted.
18	18.10	18-169	796	5728	In Evaluation	None	Human Factors Engineering	08/03/2011	02/16/2012		HFE documents are to be reorganized and submitted.

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18	18.10	18-172	796	5728	In Evaluation	None	Human Factors Engineering	08/03/2011	02/16/2012		HFE documents are to be reorganized and submitted.
19	19	19-494	669	5219	In Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	11/29/2010	02/08/2012	MHI Action	Previously identified as QC/IU without any follow-up found. 8/14/2012 update from Ruth: Open item in SE. NRC will not issue draft guidance (LPSD TS). Instead, MHI should revise the response.
19	19	19-566	899	6281	Response Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	01/31/2012	11/28/2012	NRC Review	MHI submitted on 11/28.
19	19	19-573	967	6790	Response Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	10/09/2012	11/20/2012	NRC Review	NRC is reviewing recently submitted response.
19	19	19-574	967	6790	Response Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	10/09/2012	11/20/2012	NRC Review	NRC is reviewing recently submitted response.
19	19	19-575	967	6790	Response Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	10/09/2012	11/20/2012	NRC Review	NRC is reviewing recently submitted response.

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3	3.2.1	03.02.01-19	684	5294	In Evaluation	SER Open Item	Seismic Classification	01/20/2011	07/27/2012	Discussion Needed	10/24/12 e-mail sent to the NRC asking for feedback
3	3.2.1	03.02.01-20	684	5294	Response Evaluation	SER Open Item	Seismic Classification	01/20/2011	07/27/2012	Discussion Needed	10/24/12 e-mail sent to the NRC asking for feedback
3	3.2.1	03.02.01-22	813	5935	Response Evaluation	SER Open Item	Seismic Classification	08/23/2011	07/27/2012	Discussion Needed	10/24/12 e-mail sent to the NRC asking for feedback
3	3.2.2	03.02.02-17	667	5235	In Evaluation	SER Open Item	System Quality Group Classification	11/29/2010	07/27/2012	Discussion Needed	10/24/12 e-mail sent to the NRC asking for feedback
											12/03/13 Follow-up RAI was issued (RAI978-6931 Question 3.2.2-25). If the Staff has no further follow-up questions, then this 3.2.2-17 should be identified as Unresolved-Closed.
3	3.2.2	03.02.02-18	667	5235	In Evaluation	SER Open Item	System Quality Group Classification	11/29/2010	07/27/2012	Discussion Needed	10/24/12 e-mail sent to the NRC asking for feedback
3	3.2.2	03.02.02-19	667	5235	In Evaluation	SER Open Item	System Quality Group Classification	11/29/2010	07/27/2012	Discussion Needed	10/24/12 e-mail sent to the NRC asking for feedback
3	3.2.2	03.02.02-21	914	6365	In Evaluation	None	System Quality Group Classification	03/27/2012	10/09/2012	Discussion Needed	02/18/13 Followed-up by RAI976-6934, Question 3.2.2-24. This response should be Unresolved-Closed, if the Staff has no further follow-up questions
3	3.2.2	03.02.02-22	914	6365	Response Evaluation	None	System Quality Group Classification	03/27/2012	11/02/2012	Discussion Needed	
3	3.2.2	03.02.02-23	914	6365	In Evaluation	None	System Quality Group Classification	03/27/2012	10/09/2012	Discussion Needed	
3	3.4.1	03.04.01-32	842	5863	In Evaluation	SER Open Item	Internal Flood Protection for Onsite Equipment Failures	10/18/2011	10/24/2012	Discussion Needed	10/25/12: MHI submitted a revised response that incorporates the NRC's feedback.
3	3.9.5	03.09.05-26	374	2446	In Evaluation	None	Reactor Pressure Vessel Internals	05/21/2009	07/17/2009	Discussion Needed	No Follow Up Found Feedback needed
3	3.9.5	03.09.05-32	663	4996	In Evaluation	SER Open Item	Reactor Pressure Vessel Internals	11/15/2010	10/05/2012	Discussion Needed	09/05/12 Status will be changed to In Evaluation Impacts on DCD listed, and Living DCD matches the changes stated in the response
											09/05/12 - the staff stated the response is acceptable, but MHI needs to revise the response to transmit formatted markup
3	3.9.5	03.09.05-34	663	4996	In Evaluation	SER Open Item	Reactor Pressure Vessel Internals	11/15/2010	10/05/2012	Discussion Needed	10/05/12 - Revised to incorporate staff's comments This response commits to provide a test report, which was submitted to the NRC in March 2011 (MUAP-11012)
											09/05/12 - the staff stated the response is acceptable, but MHI needs to revise the response to incorporate requested information into DCD Tier 2.
											10/05/12 - Revised to incorporate staff's comments
3	3.12	03.12-26	804	5938	In Evaluation	None	ASME Code Class 1, 2, and 3 Piping Systems and Piping Components and Their Associated Supports	08/11/2011	09/19/2012	Discussion Needed	
4	4.2	04.02-54	929	6380	In Evaluation	None	Fuel System Design	05/14/2012	07/10/2012	Discussion Needed	10/29/12 - Follow-up e-mail sent to the NRC to request update
4	4.2	04.02-56	929	6380	In Evaluation	None	Fuel System Design	05/14/2012	07/10/2012	Discussion Needed	02/13/13 - NRC informed that this is going to be Resolved-Closed
4	4.2	04.02-58	948	6383	Response Evaluation	None	Fuel System Design	06/28/2012	08/10/2012	Discussion Needed	10/29/12 - Follow-up e-mail sent to the NRC to request update
4	4.2	04.02-59	948	6383	Response Evaluation	None	Fuel System Design	06/28/2012	08/10/2012	Discussion Needed	02/13/13 - NRC informed that this is going to be Resolved-Closed 02/13/13 - NRC informed that this RAI will be CA, because the response makes a commitment to submit MUAP-08007 R3
4	4.2	04.02-60	948	6383	Response Evaluation	None	Fuel System Design	06/28/2012	08/10/2012	Discussion Needed	02/13/13 - NRC informed that this is going to be Resolved-Closed 02/13/13 - NRC informed that this RAI will be CA, because the response makes a commitment to submit MUAP-08007 R3

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4	4.2	04.02-61	948	6383	Response Evaluation	None	Fuel System Design	06/28/2012	08/10/2012	Discussion Needed	02/13/13 - NRC informed that this is going to be Resolved-Closed
4	4.2	04.02-62	948	6383	Response Evaluation	None	Fuel System Design	06/28/2012	08/10/2012	Discussion Needed	02/13/13 - NRC informed that this RAI will be CA, because the response makes a commitment to submit MUAP-08007 R3
4	4.2	04.02-63	948	6383	Response Evaluation	None	Fuel System Design	06/28/2012	08/10/2012	Discussion Needed	02/13/13 - NRC informed that this RAI will be CA, because the response makes a commitment to submit MUAP-08007 R3
4	4.2	04.02-64	953	6437	Response Evaluation	None	Fuel System Design	08/10/2012	09/27/2012	Discussion Needed	
4	4.2	04.02-65	953	6437	Response Evaluation	None	Fuel System Design	08/10/2012	11/28/2012	Discussion Needed	02/13/13 - NRC informed that this is going to be Resolved-Closed
4	4.3	04.03-68	874	6101	In Evaluation	None	Nuclear Design	12/05/2011	01/10/2012	Discussion Needed	Open Item for Section 4.3
4	4.4	04.04-42	952	6333	Response Evaluation	None	Thermal and Hydraulic Design	08/10/2012	09/07/2012	Discussion Needed	10/29/12 - Follow-up e-mail sent to the NRC to request update
6	6.2.1	06.02.01-22	947	6540	Response Evaluation	None	Containment Functional Design	06/19/2012	08/01/2012	Discussion Needed	12/10/13: NRC email said question to be Resolved-Closed because the issue was addressed in RAI 923-6420. However, as of 2/12/13 the status has not been updated.
6	6.3	06.03-104	881	6203	In Evaluation	None	Emergency Core Cooling System	12/21/2011	03/30/2012	Discussion Needed	Closure is potentially tied to review and closure of RAI 896-6269 Question 03.09.06-69.
											12/12: Ch 6 SE OI 6.3-104 (J. Sirmisha) 1/9: NRC PM confirmed 896-6269 response is acceptable. 2/15/13: Status being changed to "Unresolved-Closed" "SE Open Item"
14	14.3	14.03-5	945	6452	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	09/25/2012	Discussion Needed	MHI is reviewing NRC feedback received 2/12/13. Question to be discussed at 2/26 Ch 7 public meeting.
14	14.3	14.03-6	945	6452	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	09/25/2012	Discussion Needed	Discussion planned for the 2/26 Ch 7 public meeting.
14	14.3	14.03-7	945	6452	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	09/25/2012	Discussion Needed	MHI is reviewing NRC feedback received 2/12/13. Question to be discussed at 2/26 Ch 7 public meeting.
14	14.3	14.03-8	945	6452	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/19/2012	09/25/2012	Discussion Needed	MHI is reviewing NRC feedback received 2/12/13. Question to be discussed at 2/26 Ch 7 public meeting.
14	14.3.4	14.03.04-39	373	2826	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	05/21/2009	08/16/2009	Discussion Needed	Staff was waiting for MUAP-08001 Rev. 7 to be submitted. Report was submitted 8/31/12. Status has not been updated as of 2/4/13.
14	14.3.5	14.03.05-45	936	6466	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	05/29/2012	01/25/2013	Discussion Needed	NRC feedback received 1/15/13. MHI requested clarification during 2/7 call.
14	14.3.7	14.03.07-88	942	6476	In Evaluation	None	Inspections, Tests, Analyses, and Acceptance Criteria	06/12/2012	08/22/2012	Discussion Needed	Will be discussed at the 2/26/13 Ch 7 public meeting.
19	19	19-506	749	5651	In Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	04/28/2011	04/25/2012	Discussion Needed	NRC to provide additional clarification of feedback. Additional conference call to be scheduled.
19	19	19-519	750	5675	In Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	04/28/2011	09/27/2012	Discussion Needed	Followed up by RAI 983-6953 Question 19-578. NRC should change to "unresolved closed" now that followup has been issued.
19	19	19-546	783	5855	In Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	07/25/2011	08/24/2011	Discussion Needed	Revised response was submitted on 9/27/12 and NRC is now reviewing. Asking NRC to update because now greater than 90 days.
19	19	19-559	834	6035	In Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	10/05/2011	04/25/2012	Discussion Needed	Followed up by RAI 983-6953 Question 19-579. NRC should change to "unresolved closed" now that followup has been issued.
19	19	19-565	899	6281	Response Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	01/31/2012	07/03/2012	Discussion Needed	This question was just changed to "In Evaluation" as of 8/14 and the NRC is still reviewing. Followup RAI is 987-6790 Q19-574.
19	19	19-567	899	6281	Response Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	01/31/2012	07/03/2012	Discussion Needed	Requested update from NRC since now greater than 90 days. Discussion needed.
19	19	19-568	924	6352	Response Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	04/24/2012	08/23/2012	Discussion Needed	Requested update from NRC since now greater than 90 days. Discussion needed.
19	19	19-568	924	6352	Response Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	04/24/2012	08/23/2012	Discussion Needed	NRC is reviewing submitted response. Requested update since response is greater than 90 days.

In Evaluation or Response Evaluation, Discussion Needed (43)											
Chap.	Section	Question No:	NRC Letter No. :	System RAI No. :	Question Status **	Reason	SRP Section:	RAI Issued:	RAI Response:	IE MNES Evaluation	MNES Detail
19	19	19-569	924	6352	Response Evaluation	None	Probabilistic Risk Assessment and Severe Accident Evaluation	04/24/2012	08/09/2012	Discussion Needed	Followed up by RAI 983-6953 Question 19-580. NRC should change to "unresolved closed" now that followup has been issued.

Confirmatory Action, Closable (2)											
Chap.	Section	Question No:	NRC Letter No :	System RAI No :	Question Status **	Reason	SRP Section:	RAI Issued:	RAI Response:	CA MNES Evaluation	MNES Detail
8	8.3.1	08.03.01-40	726	5640	Confirmatory Action Applicant	None	AC Power Systems (Onsite)	03/29/2011	06/13/2011	In Official Submittal	The changes were made to MUAP-10023-P Rev 4 which was submitted 9/28/12.
8	8.3.1	08.03.01-41	726	5640	Confirmatory Action Applicant	None	AC Power Systems (Onsite)	03/29/2011	06/13/2011	In Official Submittal	The changes were made to MUAP-10023-P Rev 4 which was submitted 9/28/12.

Confirmatory Action, Discussion Needed (3)											
Chap.	Section	Question No:	NRC Letter No :	System RAI No :	Question Status **	Reason	SRP Section:	RAI Issued:	RAI Response:	CA MNES Evaluation	MNES Detail
3	3.9.1	03.09.01-2	296	2254	Confirmatory Action NRC	SER Open Item	Special Topics for Mechanical Components	04/01/2009	05/14/2009	Discussion Needed	The computer code audit has already been held. 8/21/12 - the computer code audit report will be issued in a couple of weeks. Therefore, it will be changed to C-A NRC. 9/14/12 - NRC provided a draft audit report for proprietary review 9/26/12 - MHI provided comments on the draft audit report 10/24/12 - e-mail was sent to the NRC requesting for update 12/10: NRC intends to issue a follow-up RAI on CS/RHR sizing and design fouling factors. 2/13: NRC requested a public meeting on this topic. MHI is in the process of revising this response at the direction of the NRC. OI-16-CTSB-134-1825
6	6.2.1	06.02.01-24	947	6540	Confirmatory Action NRC	None	Containment Functional Design	06/19/2012	08/01/2012	Discussion Needed	
16	16.3	16-27	134	1825	Confirmatory Action Applicant	SER Open Item	Technical Specifications	12/22/2008	02/04/2009	Discussion Needed	

Unresolved-Closed or Closed-Open Item, Discussion Needed (12)											
Chap.	Section	Question No:	NRC Letter No :	System RAI No :	Question Status **	Reason	SRP Section:	RAI Issued:	RAI Response:	U-C MNES Evaluation	MNES Detail
3	3.2.1	03.02.01-4	287	2041	Closed - Open Item	SER Open Item	Seismic Classification	03/25/2009	05/21/2009	Discussion Needed	SER Open Item This issue will not be resolved until the PSC audit held. This RAI response stated that MHI will provide documents describing design basis for seismic classifications.
3	3.2.2	03.02.02-16	580	4584	Closed - Open Item	SER Open Item	System Quality Group Classification	05/10/2010	07/22/2010	Discussion Needed	SER Open Item The response stated that MHI will show documents that describe design basis for qualify classifications in an audit. The SER cannot be completed until an audit of the design documents occurs.
3	3.9.5	03.09.05-22	374	2446	Closed - Open Item	SER Open Item	Reactor Pressure Vessel Internals	05/21/2009	11/06/2012	Discussion Needed	SER Open Item 10/17/12 - draft revised response setn to the NRC for review 11/6/12 - Revised response was submitted. 11/13/12 - Provided Feedback 11/15/12 - MNES responded to get clarification on the feedback
3	3.1.1	03.11-55	901	6257	Unresolved - Closed	SER Open Item	Environmental Qualification of Mechanical and Electrical Equipment	02/14/2012	04/10/2012	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. 02/01/13 Feedback received from the NRC, and MHI has an action to respond to the feedback. MNES put "Discussion Needed" because no follow-up RAI has been issued
6	6.2.2	06.02.02-85	840	6096	Closed - Open Item	None	Containment Heat Removal Systems	10/18/2011	11/22/2011	Discussion Needed	Closure of this RAI will be tied to closure of RAI 896-6269 Question 03.09.06-69. 1/9/13: NRC confirmed that the amended response to RAI 896-6269 was acceptable. That question is CA-Applicant pending DCD Rev. 4.
14	14.3.7	14.03.07-58	782	5910	Unresolved - Closed	None	Inspections, Tests, Analyses, and Acceptance Criteria	07/20/2011	08/08/2011	Discussion Needed	Turbine missile ITAAC question, resolution in-progress. Awaiting staff acceptance of RAI 574 to finalize Tier 2" information. Other technical issues have been addressed in the draft response.
19	19	19-376	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	07/09/2009	09/07/2009	Discussion Needed	NO FOLLOW UP FOUND Update from Ruth 8/14/2012, Staff need assistance identifying changed DCD areas. NRC wants conference call based on 8/21/12 meeting. Trying to resolve by email and waiting for NRC feedback.
19	19	19-377	423	2710	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	07/09/2009	09/07/2009	Discussion Needed	NO FOLLOW UP FOUND Update from Ruth 8/14/2012, Staff need assistance identifying changed DCD areas. NRC wants conference call based on 8/21/12 meeting. Trying to resolve by email and waiting for NRC feedback.
19	19	19-525	761	5804	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	05/25/2011	06/28/2011	Discussion Needed	According to NRC feedback, this is an "open item". MHI waiting on NRC to send followup RAI in January 2013.
19	19	19-526	761	5804	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	05/25/2011	06/28/2011	Discussion Needed	According to NRC feedback, this is an "open item". MHI waiting on NRC to send followup RAI in January 2013.

Unresolved-Closed or Closed-Open Item, Discussion Needed (12)											
Chap.	Section	Question No:	NRC Letter No :	System RAI No :	Question Status **	Reason	SRP Section:	RAI Issued:	RAI Response:	U-C MNES Evaluation	MNES Detail
19	19	19-529	764	5805	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	06/06/2011	09/08/2011	Discussion Needed	Update from Ruth 8/13/2012: Staff will issue follow-up RAI in the future NRC will issue new RAI as followup to this question based on 8/21/12 meeting. Revision to MUAP-10018 may be needed. Waiting on followup RAI to be provided in Feb 2013.
19	19	19-530	764	5805	Unresolved - Closed	None	Probabilistic Risk Assessment and Severe Accident Evaluation	06/06/2011	09/08/2011	Discussion Needed	Update from Ruth 8/13/2012: Staff will issue follow-up RAI in the future NRC will issue new RAI as followup to this question based on 8/21/12 meeting. Revision to MUAP-10018 may be needed. Waiting on followup RAI to be provided in Feb 2013.