

### KHNP Revised RAI Response Dates

Question Number	NRC Letter No	System RAI No	Question Status	RAI Issue Date	RAI Accession Number	Response Date	Response Accession Number	Revised Due Date	
03.07.01-1	182	8160	Issued/Waiting for Response	8/31/15	<a href="#">ML15253A000</a>			2/19/2016	Committal response date for sub-item 03.07.01-1.c, revised response will be submitted by 04/30/2016. (New vertical target PSD will be developed)
03.07.01-2	182	8160	Issued/Waiting for Response	8/31/15	<a href="#">ML15253A000</a>			2/19/2016	Committal response date for sub-item 03.07.01-2.a, revised response will be submitted by 03/31/2016. (The seed motion time histories of 0.005 sec. time step will be developed)
03.07.01-3	182	8160	Issued/Waiting for Response	8/31/15	<a href="#">ML15253A000</a>			2/19/2016	Committal response for sub-item 03.07.01-3.a, revised response will be submitted by 04/30/2016. (The PSD will be re-evaluated according to SRP 3.7.1)
03.07.01-4	182	8160	In Evaluation	8/31/15	<a href="#">ML15253A000</a>	12/31/15	<a href="#">ML15365A541</a>		
03.07.01-4	182	8160	In Evaluation	8/31/15	<a href="#">ML15253A000</a>	12/31/15	<a href="#">ML15365A541</a>		
03.07.01-5	253	8300	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A567</a>			2/19/2016	
03.07.01-6	253	8300	In Evaluation	10/19/15	<a href="#">ML15293A567</a>	12/31/15	<a href="#">ML15365A548</a>		
03.07.01-7	253	8300	In Evaluation	10/19/15	<a href="#">ML15293A567</a>	12/31/15	<a href="#">ML15365A548</a>		
03.07.01-8	253	8300	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A567</a>			2/19/2016	
03.07.02-1	183	8197	Issued/Waiting for Response	8/31/15	<a href="#">ML15244B272</a>			10/7/2016	Additional HRHF analysis of parametric study (03.07.02-1.a) and mode expansion (03.07.02-1.b) will be performed.
03.07.02-10	252	8299	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A566</a>			3/18/2016	
03.07.02-11	252	8299	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A566</a>			2/19/2016	KHNP requests that the subject sensitivity analysis and benchmarking problems be discussed during a bi-weekly call.
03.07.02-12	252	8299	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A566</a>			2/19/2016	
03.07.02-13	252	8299	In Evaluation	10/19/15	<a href="#">ML15293A566</a>	12/31/15	<a href="#">ML15365A584</a>		
03.07.02-14	252	8299	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A566</a>			2/19/2016	KHNP requests that the specific criteria of seismic category II structures be discussed during a bi-weekly call.
03.07.02-15	252	8299	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A566</a>			2/19/2016	

1/19/2016

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**In Evaluation** -

03.07.02-2	183	8197	Issued/Waiting for Response	8/31/15	<a href="#">ML15244B272</a>			3/18/2016
03.07.02-3	183	8197	In Evaluation	8/31/15	<a href="#">ML15244B272</a>	12/31/15	<a href="#">ML15365A578</a>	
03.07.02-4	183	8197	Issued/Waiting for Response	8/31/15	<a href="#">ML15244B272</a>			2/19/2016
03.07.02-5	226	8235	In Evaluation	9/25/15	<a href="#">ML15296A001</a>	12/24/15	<a href="#">ML15358A066</a>	
03.07.02-6	226	8235	Issued/Waiting for Response	9/25/15	<a href="#">ML15296A001</a>			10/7/2016
03.07.02-7	252	8299	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A566</a>			2/19/2016
03.07.02-8	252	8299	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A566</a>			3/18/2016
03.07.02-9	252	8299	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A566</a>	1/12/2015		
03.07.03-1	267	8301	Issued/Waiting for Response	10/22/15	<a href="#">ML15295A261</a>			2/19/2016
03.07.03-2	267	8301	Issued/Waiting for Response	10/22/15	<a href="#">ML15295A261</a>	1/12/2016		
03.07.03-3	267	8301	Issued/Waiting for Response	10/22/15	<a href="#">ML15295A261</a>			2/19/2016
03.07.03-4	267	8301	Issued/Waiting for Response	10/22/15	<a href="#">ML15295A261</a>	1/12/2016		
03.07.03-5	267	8301	Issued/Waiting for Response	10/22/15	<a href="#">ML15295A261</a>	1/12/2016		
03.07.04-1	4	7830	Resolved - Closed	4/13/15	<a href="#">ML15103A455</a>	5/12/15	<a href="#">ML15132A595</a>	
03.07.04-2	4	7830	Resolved - Closed	4/13/15	<a href="#">ML15103A455</a>	5/12/15	<a href="#">ML15132A595</a>	
03.08.01-1	129	8085	Unresolved - Closed	8/5/15	<a href="#">ML15218A040</a>	9/17/15	<a href="#">ML15260B252</a>	2/5/2016
03.08.01-10	199	8223	Issued/Waiting for Response	9/8/15	<a href="#">ML15251A052</a>			1/8/2016
03.08.01-11	199	8223	Issued/Waiting for Response	9/8/15	<a href="#">ML15251A052</a>			1/8/2016
03.08.01-12	199	8223	Issued/Waiting for Response	9/8/15	<a href="#">ML15251A052</a>			1/8/2016
03.08.01-13	199	8223	Issued/Waiting for Response	9/8/15	<a href="#">ML15251A052</a>			1/8/2016
03.08.01-14	199	8223	Issued/Waiting for Response	9/8/15	<a href="#">ML15251A052</a>			1/8/2016
03.08.01-15	249	8323	Issued/Waiting for Response	10/14/15	<a href="#">ML15296A017</a>	1/11/2016		
03.08.01-16	249	8323	In Evaluation	10/14/15	<a href="#">ML15296A017</a>	12/10/15	<a href="#">ML15344A221</a>	

Additional SSSI analysis with embedment effects will be performed. Committal response date for sub-item 03.07.02-7.e, revised response will be submitted by 09/30/2016. (Additional sensitivity analysis of Poisson's ratio variation)

1/19/2016

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**In Evaluation** -

03.08.01-2	129	8085	Unresolved - Closed	8/5/15	<a href="#">ML15218A040</a>	9/17/15	<a href="#">ML15260B252</a>	2/5/2016
03.08.01-3	129	8085	Confirmatory Action	8/5/15	<a href="#">ML15218A040</a>	9/17/15	<a href="#">ML15260B252</a>	
03.08.01-4	129	8085	Unresolved - Closed	8/5/15	<a href="#">ML15218A040</a>	9/17/15	<a href="#">ML15260B252</a>	2/5/2016
03.08.01-5	129	8085	In Evaluation	8/5/15	<a href="#">ML15218A040</a>	11/24/15	<a href="#">ML15328A338</a>	2/5/2016
03.08.01-5	129	8085	In Evaluation	8/5/15	<a href="#">ML15218A040</a>	11/11/15	<a href="#">ML15315A006</a>	
03.08.01-6	129	8085	Confirmatory Action	8/5/15	<a href="#">ML15218A040</a>	9/17/15	<a href="#">ML15260B252</a>	
03.08.01-7	199	8223	Issued/Waiting for Response	9/8/15	<a href="#">ML15251A052</a>	1/8/2016		
03.08.01-8	199	8223	Issued/Waiting for Response	9/8/15	<a href="#">ML15251A052</a>	1/8/2016		
03.08.01-9	199	8223	Issued/Waiting for Response	9/8/15	<a href="#">ML15251A052</a>	1/8/2016		
03.08.02-1	200	8225	In Evaluation	9/8/15	<a href="#">ML15251A326</a>	12/31/15	<a href="#">ML15365A551</a>	
03.08.02-2	200	8225	In Evaluation	9/8/15	<a href="#">ML15251A326</a>	12/31/15	<a href="#">ML15365A551</a>	
03.08.02-3	200	8225	In Evaluation	9/8/15	<a href="#">ML15251A326</a>	12/31/15	<a href="#">ML15365A551</a>	
03.08.02-4	200	8225	In Evaluation	9/8/15	<a href="#">ML15251A326</a>	12/31/15	<a href="#">ML15365A551</a>	
03.08.03-1	208	8245	In Evaluation	9/14/15	<a href="#">ML15295A509</a>	11/9/15	<a href="#">ML15313A533</a>	
03.08.03-2	208	8245	In Evaluation	9/14/15	<a href="#">ML15295A509</a>	11/9/15	<a href="#">ML15313A533</a>	
03.08.03-3	208	8245	In Evaluation	9/14/15	<a href="#">ML15295A509</a>	11/9/15	<a href="#">ML15313A533</a>	
03.08.03-4	208	8245	In Evaluation	9/14/15	<a href="#">ML15295A509</a>	11/9/15	<a href="#">ML15313A533</a>	
03.08.03-5	208	8245	In Evaluation	9/14/15	<a href="#">ML15295A509</a>	11/9/15	<a href="#">ML15313A533</a>	
03.08.03-6	208	8245	In Evaluation	9/14/15	<a href="#">ML15295A509</a>	11/9/15	<a href="#">ML15313A533</a>	
03.08.03-7	208	8245	In Evaluation	9/14/15	<a href="#">ML15295A509</a>	11/9/15	<a href="#">ML15313A533</a>	
03.08.03-8	332	8382	Issued/Waiting for Response	12/14/15				3/11/2016
03.08.04-1	227	8274	Issued/Waiting for Response	9/25/15	<a href="#">ML15270A001</a>	1/6/2016		
03.08.04-2	227	8274	Issued/Waiting for Response	9/25/15	<a href="#">ML15270A001</a>	1/6/2016		
03.08.04-3	227	8274	Issued/Waiting for Response	9/25/15	<a href="#">ML15270A001</a>	1/6/2016		
03.08.04-4	227	8274	Issued/Waiting for Response	9/25/15	<a href="#">ML15270A001</a>	1/6/2016		
03.08.04-5	227	8274	Issued/Waiting for Response	9/25/15	<a href="#">ML15270A001</a>	1/6/2016		
03.08.04-6	227	8274	Confirmatory Action	9/25/15	<a href="#">ML15270A001</a>	12/18/15	<a href="#">ML15352A041</a>	
03.08.04-7	227	8274	Issued/Waiting for Response	9/25/15	<a href="#">ML15270A001</a>	1/6/2016		
03.08.04-8	227	8274	Issued/Waiting for Response	9/25/15	<a href="#">ML15270A001</a>	1/6/2016		

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03.08.04-9	227	8274	Issued/Waiting for Response	9/25/15	<a href="#">ML15270A001</a>	1/6/2016
03.08.05-1	248	8295	Issued/Waiting for Response	10/14/15	<a href="#">ML15296A016</a>	1/11/2016
03.08.05-10	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/5/2016
03.08.05-11	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	3/11/2016
03.08.05-12	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	4/15/2016
03.08.05-13	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/5/2016
03.08.05-14	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/5/2016
03.08.05-15	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/5/2016
03.08.05-16	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	4/15/2016
03.08.05-17	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/5/2016
03.08.05-18	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/19/2016
03.08.05-19	320	8383	Issued/Waiting for Response	11/24/15		2/5/2016
03.08.05-2	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/5/2016
03.08.05-3	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/5/2016
03.08.05-4	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/5/2016
03.08.05-5	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/5/2016
03.08.05-6	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/5/2016
03.08.05-7	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	5/13/2016
03.08.05-8	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	4/15/2016
03.08.05-9	255	8285	Issued/Waiting for Response	10/19/15	<a href="#">ML15293A569</a>	2/5/2016

1/19/2016

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**In Evaluation** -

129-8085	03.08.01-4.a
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NRC Comment

Consistent use of a single code edition and addenda

KHNP Position

KHNP thinks that the design of the pressure boundary should apply two separate code editions of ASME Section III in accordance with NRC Regulations as follows;

APR1400 applies the Codes and Standards in 10 CFR 50.55a. The design of the concrete containment is performed to ASME Section III, Division 2, Subsection CC, "Code for Concrete Containment," 2001 Edition with 2003 Addenda, in accordance with RG 1.136 (Rev.3) because 10 CFR 50.55a does not endorse the applicable code, ASME Section III Division 2. The design of MC components is performed to ASME Section III, Division 1, Subsection NE, "Class MC Components," in accordance with RG 1.57 (Rev.2). The ASME MC Component design for APR1400 is performed to the 2007 Edition with 2008 Addenda in accordance with 10 CFR 50.55a because RG 1.57 does not endorse the applicable edition of ASME Section III, Division 1, Subsection NE. Therefore, two separate code editions of ASME Section III are used in the design of the APR 1400 containment structure, in accordance with RG 1.136 and 10 CFR 50.55a.