

**Common Cause Failure
NRC-NEI Open Items List**

| No. | Item Description | Responsibility | Meeting Date | Status | Comment |
|-----|---|------------------------------------|--------------|---------------|--|
| 1 | EPRI will look at how to best put its methods, discussed in the meeting, in the public domain. (EPRI) | | 03/21/16 | <u>Closed</u> | EPRI report is available |
| 2 | NEI will determine if a smaller, non-proprietary document focused on the US nuclear industry could be prepared. | NEI to provide status on this item | 06/07/16 | Open | -Recommend closing: <u>Basis – NEI has communicated that NEI 16-xx will be -developed.</u> |
| 3 | NEI will send a letter with its recommendations/suggestions to the key technical issues discussed during the meeting. | NEI to provide status on this item | 06/07/16 | Open | <u>Recommend closing:</u> <u>Basis – Meetings subsequent to June 7, and transmittal of BTP 7-19 comments have communicated industry recommendations and suggestions.</u> |
| 4 | Provide additional information, as well as a schedule for issuing a draft of NEI 16-XX for NRC consideration. | | 07/11/16 | Open | <u>This item was repeated in the September's meeting.</u> <u>Recommend closing: Schedule was provided in NEI's proposed update to the IAP.</u> |
| 5 | The next example for the tabletop exercise should clearly identify the challenges/problems when using current NRC policy and guidance. | | 07/11/16 | <u>Closed</u> | Example at Aug 22, 2016, tabletop did not close item NRC considers this item closed |
| 6 | Work to clarify Section 1 of BTP 7-19 considering NEI, industry and stakeholder involvement and input. | | 08/22/16 | Open | The staff is developing guidance to address CCF. We will include clarifications for Section 1 in our guidance. This will be discussed with NEI when a draft guidance is complete |
| 7 | Provide a recommendation to move forward on the effort to address CCF. | NEI to provide status on this item | 08/22/16 | Open | <u>Recommend closing:</u> <u>Basis – NEI and staff have agreed to work collaboratively on modernization of CCF guidance. NEI is submitting NEI 16-xx draft to staff for review in December.</u> |
| 8 | Place an item in the parking lot to discuss the scope of what industry thinks are the underlying safety issues and how they help define the scope of what needs to be done. | NEI to provide status on this item | 09/14/16 | Open | <u>This item should be able to be closed once NEI 16-xx draft is issued in December, as it-</u> <u>will include a section that discusses Safety Issues associated with CCF.</u> |

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| 9 | NRC staff and NEI will schedule a separate meeting to discuss "P" (preventative) design measures. | NRC staff and NEI will schedule a separate meeting to discuss "P" (preventative) design measures | 09/14/16 | Open | On hold. Schedule for Spring 2017 |
| 10 | NEI will provide NRC staff with a schedule for providing pieces of NEI 16-XX. | NEI to provide status on this item | 09/14/16 | Open | Recommend closing: NEI provided proposed schedule in the proposed update to the IAP. NEI provided an outline of NEI 16-XX on 10/25/16 |
| 11 | NRC staff and NEI will discuss at a future interaction how NEI 16-XX would work with a possible future Regulatory Guide endorsing it. | NEI to provide status on this item | 09/14/16 | Open | This should remain open and be discussed at the next (January 2017) CCF meeting. The industry communicated to staff during 12-1-2016 CCF meeting that the industry requests endorsement of NEI 16-xx in the long term, and will work with Staff on short term guidance as an interim approach |
| 12 | NEI will provide an index that ties the bin categories in the NEI presentation made at the meeting to the specific comments on BTP 7-19. | | 09/14/16 | Closed | NEI provided this on 9/16/16 |
| 13 | NEI will provide a draft agenda for the next scheduled CCF meeting. | | 09/14/16 | Closed | Next meeting scheduled for December 1, 2016. The agenda provided in November. |
| 14 | NEI and NRC will identify a list of topics that can be used to help develop agenda for future biweekly interactions. | NEI and NRC will identify a list of topics that can be used to help develop agenda for future biweekly interactions. | 09/14/16 | Closed | Bi-weekly meetings are no longer held |
| | | Schedule future meetings for April and June. | 03/21/16 | Closed | Meetings were scheduled. |
| | | Where possible, the NRC staff will identify a means to make all information it used in developing the policy recommendation available. | 06/07/16 | Closed | ORNL documents were posted in ADAMS |
| 15 | Schedule tabletop meetings to discuss specific challenges to address CCF for the key technical issues discussed. | Schedule tabletop meetings to discuss specific challenges to address CCF for the key technical issues discussed. | 06/07/16 | Closed | Tabletops were scheduled for Jul 11, 2016 and Aug 22, 2016 |

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| | | Schedule a workshop later in the summer to discuss ongoing activities and technical-basis document. | 06/07/16 | Closed | Tabletop was held on Aug 22, 2016. |
| 16 | Schedule the next tabletop exercise for August 22, 2016. | Schedule the next tabletop exercise for August 22, 2016. | 07/11/16 | Closed | Tabletop was held on Aug 22, 2016. |
| 17 | Arrange publically noticed, open biweekly calls. | Arrange publically noticed, open biweekly calls. | 08/22/16 | Closed | Biweekly meetings were scheduled starting Sep 14, 2016. |
| <u>18</u> | <u>NRC to provide references to their sources for CCF technical basis.</u> | <u>NRC</u> | <u>06/07/16</u> | | <u>Recommend closing – assuming the NRC agrees that the ORNL documents previously posted to ADAMS satisfy this action item.</u> |
| <u>19</u> | <u>Steve Arndt asked... How do we evaluate how much is enough in terms of defensive measures? What is our evaluation criteria?</u> | <u>NEI</u> | <u>7/11/16</u> | | <u>To be addressed by NEI-16-xx.</u> |