

MP#1-Protection Against Common Cause Failure

#1b/1c Objectives and Schedule
Public Meeting on NEI 16-16 [Draft 1]

March 29, 2017

MP #1b/1c Working Group
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Outline

- Opening Remarks, Safety, Introductions
- Objectives of MP1b/c recap
- Discussion of Staff Comments on NEI 16-16 [Draft 1].
- Path Forward – Draft Schedule Discussion
- Stakeholder Participation
- Action Items/Wrap Up

Objectives

- MP 1b - Evaluate NEI's proposed guidance in NEI 16-16.
- MP 1c - Evaluate NRC's current position on protection of DI&C systems and components against CCF.

For more details, see Revision 1-Draft to Integrated Action Plan (IAP) to Modernize Digital Instrumentation and Controls Regulatory Infrastructure [Agencywide Document Access and Management System (ADAMS) Accession Number [ML16326A275](#)]. Note that IAP Revision 1 will be finalized late March/early April.

NEI 16-16 [Draft 1]

- December 2016 - NEI 16-16 [Draft 1] submitted.
 - Early draft intended to give staff an idea of framework and structure of the document.
 - Agencywide Document Access and Management System (ADAMS) Accession Number [ML17033B139](#)
- February 8, 2017 – Public Meeting on NEI 16-16 and NEI 96-07.
- March 13, 2017 – NRC comments sent to NEI.
 - ADAMS Accession Number: [ML17072A142](#)

Discussion, Questions, Feedback

- NRC comments on NEI 16-16 [Draft 1]
ADAMS Accession Number: [ML17072A142](#)
- This portion of the meeting turned over to NEI to lead discussion on clarification and questions on staff comments provided on NEI 16-16 [Draft 1].

Path forward – Draft Schedule MP 1b

Evaluation of NEI 16-16

	Activity	Schedule
B.1	Begin staff evaluation of NEI 16-16 [Draft 1] (an early draft intended to give NRC an idea of the framework and structure of the document) received 12/22/2016 and develop staff comments/gap analysis.	December 2016
B.2	Meeting to discuss NEI’s plans for completion of CCF likelihood technical basis, associated defensive measures, Appendices, and the balance of NEI 16-16 content.	February 8-9 2017
B.3	NEI to deliver Draft 2 of NEI 16-16, including technical basis, examples, and Appendices.	April 28, 2017
B.4	NRC staff to review and provide comment on NEI 16-16 [Draft 2].	May 31, 2017
B.5*	NEI to deliver draft updates of NEI 16-16.	April – August 2017 (As-needed)
B.6*	Meet to discuss methodology, content, and technical basis of NEI 16-16.	April – August 2017 (As-needed)
B.7*	NRC staff to review and provide comments on NEI 16-16 draft updates.	April - September 2017 (As-needed)

Path forward – Draft Schedule MP 1b

Evaluation of NEI 16-16

	Activity	Schedule
B.8**	Complete staff review of NEI 16-16, and make determination as to its “endorse-ability” or partial “endorse-ability.”	October 2017
B.9*	Draft Final Staff Evaluation of NEI 16-16.	November 2017
B.10*	Present to ACRS	December 2017
B.11*	Issue NRC Management’s letter with regard to recommendations on endorsing NEI 16-16.	January 2018
B.12*	NEI 16-16 Final.	February 2018
B.13*	Final Staff Evaluation of NEI 16-16.	May 2018
B.14*	Issuance of Staff evaluation and implementation of NEI 16-16 (post Commission decisions, if needed, with regard to MP1c).	June 2018

*Scheduled dates may change as NRC staff and NEI engage in NEI 16-16 draft update and review process.

+ Related to MP1c item C.3.

Path forward – Draft Schedule MP 1c

Evaluation of need to modify NRC’s current position on defense against CCF

	Activity	Schedule
C.1	Begin staff review to identify specific aspects of NRC’s position on CCF and communicate any policy issues that need to be modified. Meet with DI&C Steering Committee and other stakeholders as needed.	April-July 2017
C.2	Develop and finalize list of specific aspects of NRC’s position on CCF impacted by review of NEI 16-16 draft updates and alert Commission of policy issues that will require attention.	April - August 2017
C.3+	Decide on need to affirm or modify NRC’s position on defense against CCF in DI&C systems and components.	October 2017
C.4	Produce technical basis document to support affirmation or modification of NRC’s position.	November 2017
C.5	Engage outside peer reviewer to assess staff’s findings.	January 2018 – April 2018
C.6	Solicit and disposition public comments	February 2018
C.7	Present to ACRS	April 2018

Path forward – Draft Schedule MP 1c

Evaluation of NRC’s current position on defense against CCF

	Activity	Schedule
C.8	Submit SECY paper (with technical basis document) identifying proposed action to modify or affirm existing position to the Commission.	May 2018
C.9	Implement resolution as determined by the Commission.	June 2018
C.10	Revise BTP 7-19 for consistency with Commission decision.	September 2018

+ related to MP1b item B.8.

Schedule of MP1c may be adjusted as NEI 16-16 is reviewed.

Next Meeting and Deadline

- April 11, 2017 – Public Meeting to Preview Appendix A to NEI 16-16.
- April 28, 2017 – NEI 16-16 [Draft 2] with Appendix A included submitted to NRC.