

Update on NEI 99-02, Revision 8

ROP Public Meeting

Sept 20, 2023



Purpose



- Provide update on NEI 99-02 draft revision 8 major changes
- Submit for initial NRC review/feedback and discuss engagement strategy

Overview



- Since revision 7 was issued in 2013
 - 50 FAQs have been approved*
 - 2 FAQs pending
 - ◆ 22-01, Replace the ANS PI with ERFER PI
 - Commission issued SRM-SECY-23-0010 on 9/1/2023
 - ◆ 23-02, PB Scram (finalize on 9/20/2023)
 - 1 White Paper, AP1000 (in review)

* The current list of approved FAQs can be found on the [NRC website](#).

Draft Changes



■ Summary of Changes

- Replaced references to Consolidated Data Entry (CDE) with Industry Reporting and Information System (IRIS) throughout
- Incorporated definition of “concurrent failure” (FAQ 14-04)
- Added definition of “initial transient” (FAQ 18-01)
- Major reformatting of MSPI section including App. F&G (FAQ’s 13-06, 14-01, 14-02, 14-08, 15-03, 16-01, 16-02, 16-03, 16-04, 17-03, 17-04, 17-05, 20-03)
- Major reformatting/rewrite of EP section (FAQ’s 13-07, 19-01, 20-04, 21-02, 15-04, 20-02, 14-05, 21-03)
 - ◆ *Includes placeholder language for FAQ 22-01, ANS PI to ERFER PI*
- Added new plant specific FAQs (14-03, 17-01, 17-02, 18-03, 18-04, 20-01)
- Updated criteria to account for AP1000 design difference (FAQ 21-01 & *pending white paper*)
- Updated BWR question for verifying rod position (FAQ 15-01)

Draft Changes



■ Additional Changes

- Address frequently asked questions and other areas that warrant additional clarity
 - ◆ MFW availability
 - ◆ Use of CBPs & AFW
 - ◆ BWR SRV usage
 - ◆ Additional examples describing planned scrams versus unplanned scrams
 - post maintenance activities such as expected actions taken to address main turbine rubs and vibration during plant startup
 - Complete a reactor shutdown sequence less than 35% following completion of transient response when reactor trip criteria was not reached
 - ◆ Add clarity to unplanned power change exclusion when addressing other issues during a planned power reduction greater than 20% (FAQ 13-02, 13-05)

Next Steps



- Submit draft rev. 8 to NRC during Sept 20th ROP public meeting
- Finalize/incorporate open FAQ/white paper feedback
- Discuss and incorporate NRC feedback as appropriate during ROP public meetings (*additional ROP public meetings may be warranted*)
- Implement NEI 99-02 rev. 8 TBD

Questions

