

AGENDA
PUBLIC MEETING TO DISCUSS THE U.S. NUCLEAR
REGULATORY COMMISSION (NRC) EFFORT TO RE-EVALUATE ITS POSITION ON
COMMON CAUSE FAILURE DUE TO SOFTWARE ERROR

March 21, 2016

PURPOSE: Exchange information about challenges in addressing common cause failure due to software error during the development and assessment of digital instrumentation and control systems, for license amendment requests, new construction, and changes without prior NRC approval. Gather information on what areas of the current NRC policy on common-cause failure (CCF) need to be updated or modified.

- | | |
|------------------|--|
| 10:00-10:15 a.m. | Welcome, Introduction, and Safety Procedures (NRC/All) |
| 10:15-10:45 a.m. | Review of current position on CCF due to Software and technical basis (NRC) |
| 10:45-11:15 a.m. | Discuss key regulatory concepts including scope of systems, level of detail in current guidance, areas of current policy and guidance that need to be reviewed (NRC) |
| 11:15-12:15 p.m. | Discuss Industry perspectives on digital instrumentation and control (DI&C) system failure susceptibility that can lead to plant system failures, including CCF, and on current regulatory challenges that may have impact on implementation of DI&C systems (Industry) |
| 12:15-1:00 p.m. | Lunch |
| 1:00-2:00 p.m. | Identify areas of apparent common-ground (All)
Identify specific challenge to address (any apparent disagreement) (All) |
| 2:00-3:15 p.m. | Brainstorm general approaches to clarify areas of agreement and resolve challenges (All) <ul style="list-style-type: none">• Could the scope of systems and/or acceptance criteria be graded?• What areas of digital system development have significantly improved?• Input from Stakeholders on potential methods that could be evaluated for addressing CCF due to software• What can we learn from other industries? |
| 3:15-3:30 p.m. | Break |
| 3:30-4:30 p.m. | Brainstorming continued (NRC/All) |
| 4:30-5:00 p.m. | Public Input, Open Discussion and Questions and Answers (All) |
| 5:00-5:30 p.m. | Planned next steps, actions, recap, and adjourn |