NRC Pre-LAR Submittal Telecon

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Callaway Plant
Risk-Informed TS Initiative 5b
Relocate Surveillance Frequencies to Licensee Control

March 25, 2010

LAR 5b Telecon Agenda

▪ Introduction	Scott Maglio
▪ Risk Informed Amendments & Timelines	Roger Wink
▪ PRA Quality Status	Keith Connelly
▪ Schedule	Scott Maglio
▪ Open Discussion and Questions	All

Current and Planned Risk Informed Amendments

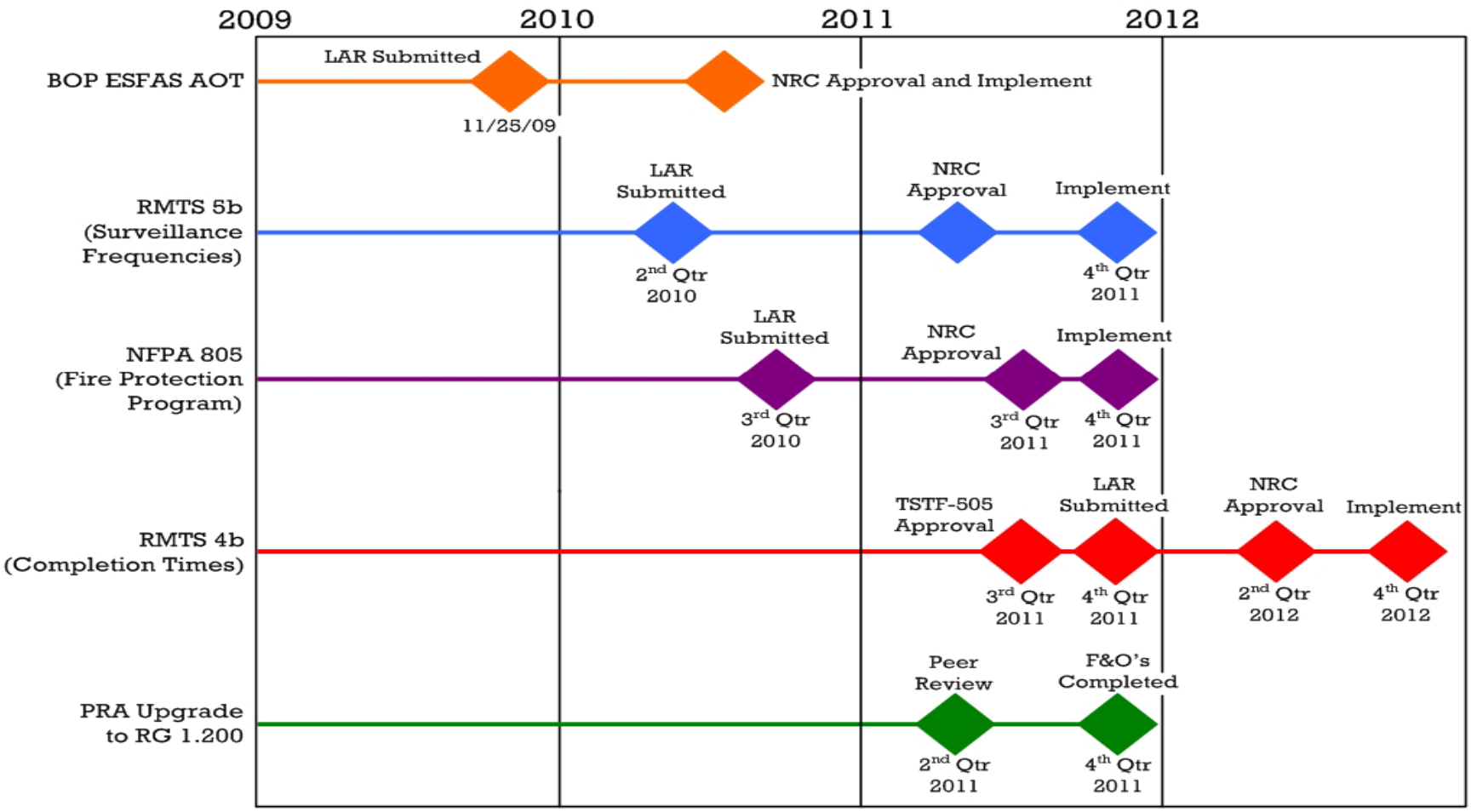
Submitted

- BOP ESFAS

Planned

- NFPA 805 (Risked Informed Fire Protection Program)
- Initiative 5b (Relocate Surveillance Frequencies to Licensee Control)
- Initiative 4b (Risk Informed Completion Times)

Timeline for Risk Informed Initiatives



Callaway PRA Quality Status

- Two peer reviews have been conducted on the Callaway internal events PRA:
  - WOG PRA Peer Review
  - Scientech Gap Analysis (using ASME Std, through 2005 Addendum)

- Gaps to Capability Category II of the Standard, and open WOG Peer Review findings, are being addressed in a current, large-effort PRA upgrade ("Update 5") project.
  - Team effort by AmerenUE and Scientech
  - Scheduled for completion 4th Quarter 2011

Current Model ("Update 4") Quality Status:

- Gaps to CC II of the Standard are documented in a set of "Findings/Observations," or F/Os.
  - No "A-Level" F/Os ("Extremely important and necessary to address….")
  - 24 "B-Level" F/Os ("Important and necessary to address, but may be deferred until the next PRA update")
  - 20 "C-Level" F/Os ("Marginal importance…….")

Gap Assessment Status

- Scientech has preliminarily assessed the current internal events model gaps to Capability Category II with respect to RITSTF Initiative 5b.

- Based on this preliminary assessment, none of the identified gaps would appear to preclude implementation of 5b using the current PRA model.
  - This conclusion is based, in part, on the NEI 04-10 process, which provides for addressing quality gaps with sensitivity analyses.

Gap Assessment Status

- NFPA 805 Fire PRA under development Final Peer Review Report received March 9, 2010.
- External and shutdown risk will be addressed, initially, with qualitative or bounding analyses.

5b Schedule Considerations

- Approach:
  - Submit ~ 6/2010
  - Based on current PRA model, with sensitivity analyses to address gaps to Capability Category II (per NEI 04-10 guidance).

Open Discussion and Questions

- Submittal will follow LAR Template (TSTF-425 (Rev 3))
  - Assessment and NSHC based on 7/6/09 FR
  - No significant variations or deviations
    - The Independent Decisionmaking Panel may be separate from the MR Expert Panel
  - Submittal and implementation processes to utilize inputs from STARS (Diablo Canyon & STPNOC)
  - Table assessing all Callaway TS SRs for inclusion – Include with LAR?
  - Will include TS mark-up pages
  - Would NRC want TS typed pages with LAR, or prior to LA issuance date?