

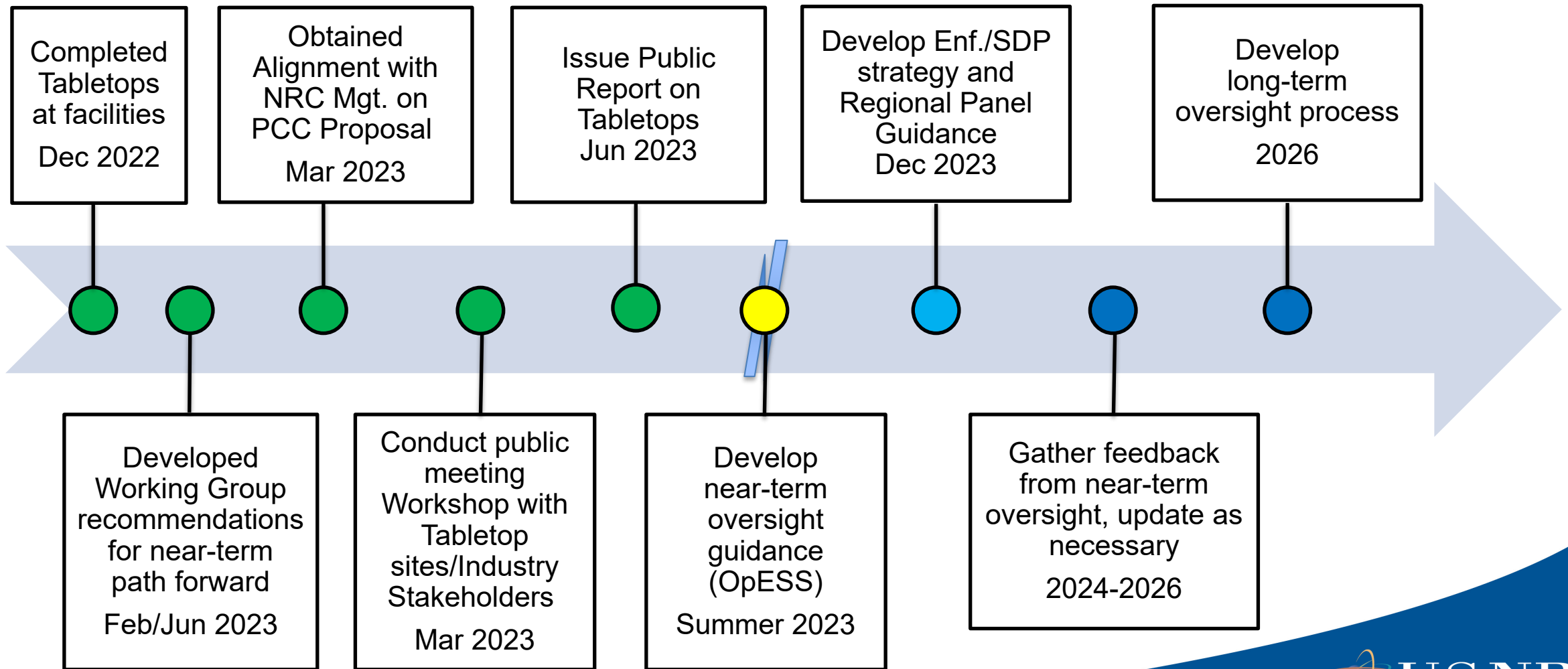
ROP Bi-Monthly Public Meeting

Enhancing Oversight of PRA Configuration Control

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Project Milestones



Key Messages

- Operating Experience Smart Sample (OpESS) provides maximum flexibility for regional implementation.
- Cross-regional review panel process will ensure consistent application across the Regional Offices.
- The WG is currently drafting the OpESS and associated guidance.
- The OpESS is intended to be resource neutral and is part of the overall graded and balanced approach that will eventually determine the long-term recommendations for PRA Configuration Control (PCC), which is targeted for implementation in the 2027 ROP inspection cycle.

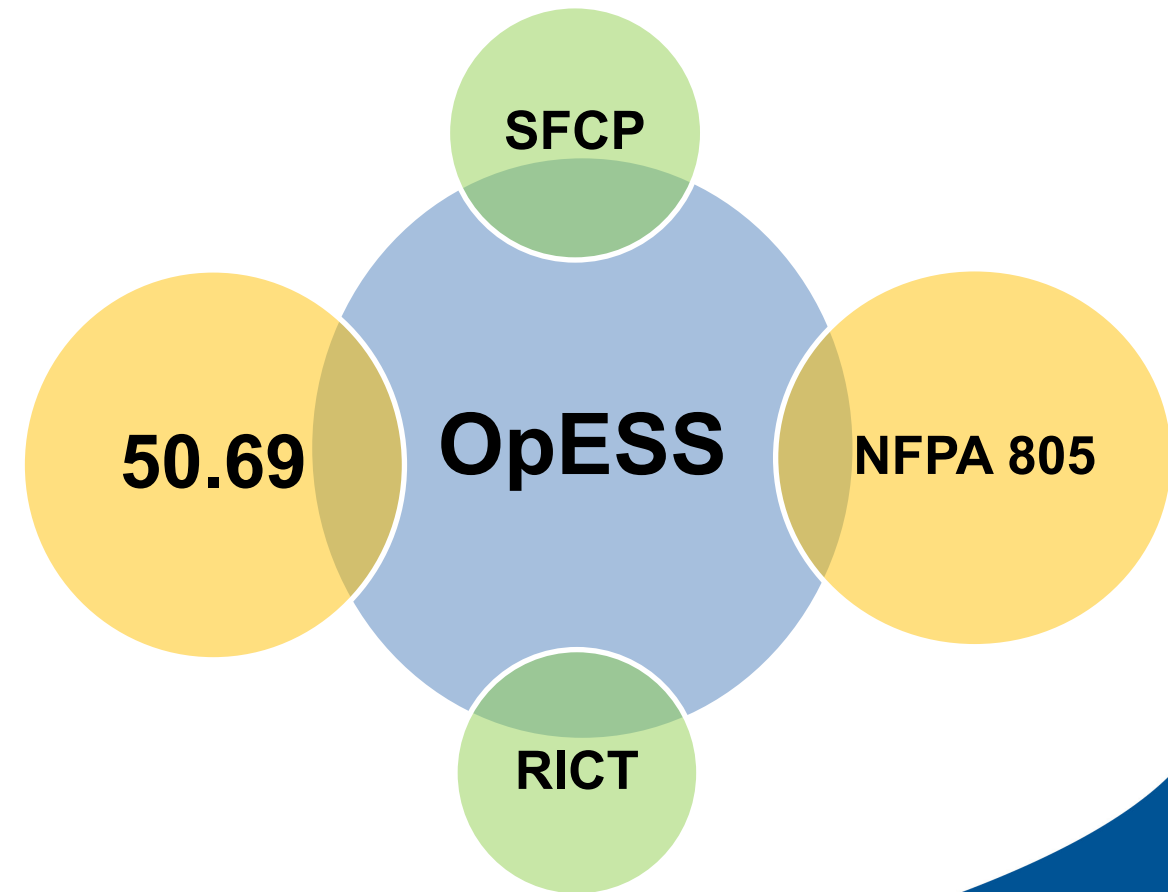
What is OpESS?

- **OpE** - Operating Experience and **SS** - Smart Sample = **OpESS**
- The OpESS is designed as an additional tool to be used by agency staff in ROP baseline inspection preparation.
- The information and trends identified from OpESS inspections may provide further indication that a specific issue warrants additional agency action.
- Each OpESS has a unique and sequential identifier.

<https://www.nrc.gov/reactors/operating/ops-experience/operating-experience-smart-sample.html>

What will the OpESS look like?

- Balanced approach will ensure that inspectors only review aspects from approved and implemented risk-informed initiatives.
- Performance-based in that sampling will be reviewed and adjusted annually until issuance of final recommendations.
 - Not all sites would get sampled each year with the OpESS, intent is to use as warranted.
 - WG will provide inspectors with guidance (insights/specifics) on appropriate use/utilization of the OpESS.



Applicable OpESS Inspections

PRIMARY Inspection Procedures:

- **71111.21M**, Comprehensive Engineering Team Inspection, (CETI)
- **71111.21N.05**, Fire Protection Team Inspection (FTPI)
- **37060**, 10 CFR 50.69 Risk–Informed Categorization and Treatment SSC
- Resident Baseline: 71111
 - 71111.06, Flood Protection Measures,
 - 71111.13, Maintenance Risk Assessments and Emergent Work Control
 - **71111.18, Plant Modifications (Primary)**
 - 71111.24, Testing and Maintenance of Equipment Important to Risk.
 - 71151, Performance Indicator Verification
 - 71152, Problem Identification and Resolution (PI&R)

OpESS Proposed Details

1. Verify processes are in place to maintain risk-informed decisions, (i.e., new information and data).
 2. Verify processes are in place to ensure the PRA is maintained with the as-built as operated plant.
 3. Verify *significant* modifications to the plant screened for review and any needed updates to the PRA and the Model of Record.
- **Guidance can be applied in 2-stages:**
 1. Forward looking (future changes) and,
 2. Backward looking (past completed changes, e.g., last MOR change/inspection etc.).
 - **Intent would be to revise the OpESS for the subsequent ROP Cycle (2025) based upon observed performance (2024) and refocus, as necessary.**

OpESS Proposed details (cont.)

- **Inspections which would focus on completed changes (i.e., backward-looking):**
 1. 71111.21M, Comprehensive Engineering Team Inspection, (CETI),
 2. 71111.21N.05, Fire Protection Team Inspection (FTPI),
 3. 37060, 10 CFR 50.69 Risk-Informed Categorization
- **Inspections which would focus on current in-progress changes (i.e., forward-looking):**

Resident Baseline: 71111, (with latitude for possible interactions)

1. 71111.06, Flood Protection Measures,
2. 71111.13, Maintenance Risk Assessments and Emergent Work Control,
3. 71111.18, **Plant Modifications (Primary)**,
4. 71111.24, Testing and Maintenance of Equipment Important to Risk,
5. 71151, Performance Indicator Verification,
6. 71152, Problem Identification and Resolution (PI&R)

Near-term Actions - OpESS

- Finalize OpESS guidance (Ongoing – Expected Nov/Dec 2023)
- Internal Communication/Awareness (Ongoing – Fall/Winter)
 - Training and Communication with Inspectors (Ongoing – Fall/Winter)
- Enforcement/Significance Determination Process
 - Initiate Cross Regional Panel Process (Complete)
 - Develop Screening Guidance (Ongoing – Fall/Winter)
- Continue External Communication/Awareness (ROP Bi-Monthly)

Questions

