



Review of 2015 Performance at Pilgrim Nuclear Power Station



Annual Assessment Meeting
April 13, 2016

ML16111A889

Protecting People and the Environment



Agenda

- Introduction
- Discussion of NRC Oversight Results
- Entergy Response and Remarks
- NRC Closing Remarks
- Break
- Public Q&A



Robust NRC Oversight

- Licensee performance, characterized by a weak corrective action program, placed plant in Column 4 of the Action Matrix
- Ongoing NRC oversight to ensure safety margins maintained
- Current regulatory actions are adequate



Pilgrim Performance Problems

- Degraded Cornerstone Column (since 4th Quarter 2013)
- Two White Performance Indicators (PIs): Unplanned Scrams, Unplanned Scrams with Complications
- Two White Parallel Findings:
 - Inadequate corrective actions for the two White PIs
 - Did not meet Inspection Procedure 95002 Objectives
 - Remained in the Degraded Cornerstone column for more than five quarters



Pilgrim Performance Problems

- White Finding in September 2015 for not identifying and correcting a safety relief valve failure
- White Finding combined with performance within the Degraded Cornerstone for more than five quarters
- Led to Pilgrim performance transition to Column 4



NRC Oversight Actions Are Comprehensive

- Ensure adequate safety margins maintained
- Completed Inspection Procedure (IP) 95003 Phases A & B to ensure:
 - significant issues in corrective action program (CAP) appropriately addressed
 - interim licensee actions arresting CAP performance declines
- Increased Problem Identification and Resolution samples on previously identified performance issues

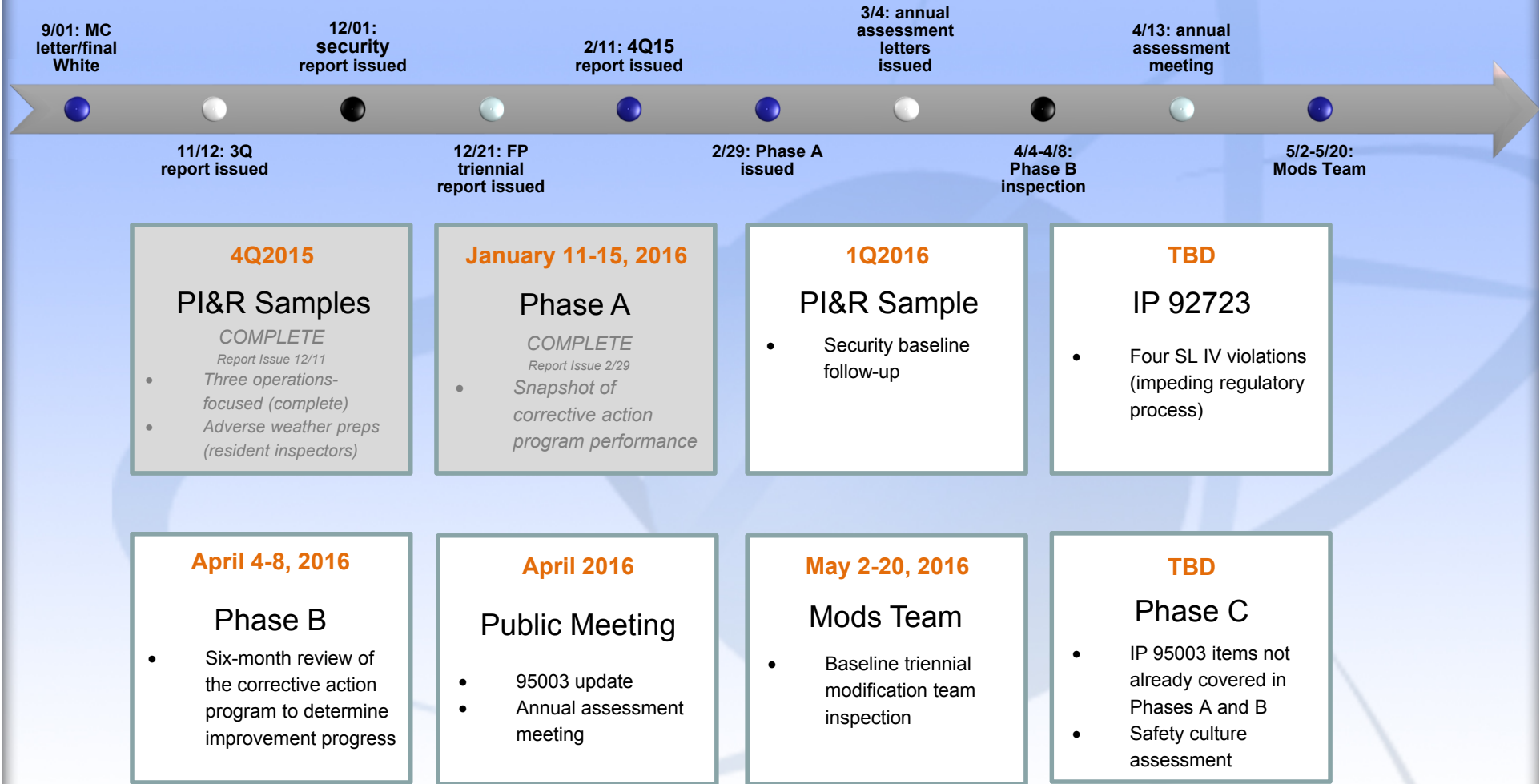


NRC Oversight Actions Are Comprehensive

- Additional Resident Inspector was assigned to site
- Quarterly Assessments – increased management oversight
- Current regulatory actions are adequate



Key Inspections & Milestones





Future Action to Monitor Pilgrim

- Supplemental IP 95003 Phase C
 - Most significant Phase of 95003
 - Primary Focus – CAP and Safety Culture
 - Conducted after licensee declares readiness
 - Ensures causes understood & plan to address
 - Confirmatory Action Letter (CAL)
- CAL Follow-up inspection



Licensee Response and Remarks

**Mr. John Dent
Site Vice President
Entergy Nuclear Operations, Inc.**

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NRC Closing Remarks

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Contacting the NRC

- **Report a safety concern**
 - (800) 695-7403
 - Allegation@nrc.gov
- **General information or questions**
 - www.nrc.gov
 - Select “What We Do” for Public Affairs



Reference Sources

- **Reactor Oversight Process**
 - www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html
- **Pilgrim Special Oversight Website:**
 - www.nrc.gov/info-finder/reactors/pilg/special-oversight.html
- **Public Electronic Reading Room**
 - www.nrc.gov/reading-rm.html
- **Public Document Room**
 - 800-397-4209