

Review of 2015 Performance at Pilgrim Nuclear Power Station



Annual Assessment Meeting April 13, 2016

ML16111A889



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 Pls
 - 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

9/01: MC letter/final White

12/01: security report issued

2/11: 4Q15 report issued

3/4: annual assessment letters issued

4/13: annual assessment meeting

11/12: 3Q report issued



12/21: FP triennial report issued



issued



5/2-5/20: **Mods Team**

4Q2015

PI&R Samples

COMPLETE

Report Issue 12/11

- Three operationsfocused (complete)
- Adverse weather preps (resident inspectors)

January 11-15, 2016

Phase A

COMPLETE

Report Issue 2/29 Snapshot of

corrective action program performance 1Q2016

PI&R Sample

Security baseline follow-up

TBD

IP 92723

Four SL IV violations (impeding regulatory process)

April 4-8, 2016

Phase B

Six-month review of the corrective action program to determine improvement progress **April 2016**

Public Meeting

- 95003 update
- Annual assessment meeting

May 2-20, 2016

Mods Team

Baseline triennial modification team inspection

TBD

Phase C

- IP 95003 items not already covered in Phases A and B
- Safety culture assessment



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.



Pilgrim Annual Assessment Meeting

NRC Closing Remarks



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.h
 tml

Pilgrim Special Oversight Website:

- www.nrc.gov/info-finder/reactors/pilg/specialoversight.html
- Public Electronic Reading Room
 - www.nrc.gov/reading-rm.html
- Public Document Room
 - 800-397-4209