

Perry Nuclear Power Plant



Perry CAL Followup Inspection - IP 95002 Issues Action Item Effectiveness Review

Nuclear Regulatory Commission - Region III

Lisle, Illinois

August 15, 2006

Meeting Agenda

- Introduction and Meeting Purpose
- Overview of Confirmatory Action Letter (CAL)
- Overview of CAL Inspection Activities
- IP 95002 Issues Action Item Effectiveness Review – Inspection Scope
- IP 95002 Issues Action Item Effectiveness Review – Inspection Results
- Licensee Response and Remarks
- <Break>
- Public Comments and Questions of NRC

Purpose of Today's Meeting

- Provide a public forum for the discussion of recent Perry Nuclear Power Plant performance
- NRC to discuss the results of our review of the effectiveness of actions to address issues in the Inspection Procedure 95002 Issues area of the NRC's CAL
- Licensee management will be given the opportunity to respond to the information presented

Review of Perry Performance

- August 2004 – Perry enters Multiple/Repetitive Degraded Cornerstone column of NRC Action Matrix
- January-May 2005 – IP 95003 Inspection Conducted
- May 2005 – Public Exit Meeting for IP 95003
- July 2005 – IP 95003 Inspection Report Issued
- August 2005 – FENOC Response to IP 95003 Issues
- September 2005 – NRC Issues CAL

Confirmatory Action Letter (CAL)

FENOC Committed to Sustained Improvement

- Corrective Action Program Effectiveness
- Human Performance
- Emergency Preparedness
- Inspection Procedure 95002 Issues

Perry CAL Inspection Activities

Planned NRC Inspection Activities:

- Review Licensee Assessment Activities and Corrective Action Development
- Review Corrective Action Implementation
- Review Corrective Action Effectiveness

Perry Nuclear Power Plant

Completed NRC CAL Inspections

Completed CAL Followup Inspections

- PII Phase 2 Review
- IP 95002 Issues – Action Item Implementation
- Corrective Action Program - Action Item Implementation
- Emergency Preparedness – Action Item Implementation and Effectiveness
- Human Performance – Action Item Implementation
- IP 95002 Issues – Action Item Effectiveness

Inspection Scope – IP 95002 Issues

Action Item Effectiveness Review

IP 95002 Issues Action Item Effectiveness - Scope

- Determine if actions to address maintenance procedure issues were effective
- Determine if actions to address ESW pump coupling assembly concerns were effective
- Determine if actions to address training issues were effective

Inspection Results – IP 95002 Issues

Action Item Effectiveness Review

IP 95002 Issues Action Item Effectiveness – Results

- Overall Results
 - No findings of significance identified
 - Maintenance Procedure Adequacy – Indeterminate.
Some additional NRC review necessary
 - ESW Pump Coupling Assembly Concerns - Effective
 - Training Deviations in Stressful Situations – Effective

Inspection Results – IP 95002 Issues

Action Item Effectiveness Review

IP 95002 Issues Action Item Effectiveness – Results

- Maintenance Procedure Adequacy
 - Overall improvement in procedure quality identified
 - Supplemental procedure revision effort in progress
 - Procedures identified as deficient continue to be utilized by workers
 - Procedures allow performance of steps out of sequence
 - Additional Procedure Followup Review Necessary

Inspection Results – IP 95002 Issues

Action Item Effectiveness Review

IP 95002 Issues Action Item Effectiveness – Results

- ESW Pump Coupling Assembly Concerns
 - ✓ Revised Quality Control hold point procedure issued
 - ✓ Quality Control hold points properly applied
 - ✓ Corrective Actions Effective

Inspection Results – IP 95002 Issues

Action Item Effectiveness Review

IP 95002 Issues Action Item Effectiveness – Results

- Training Deviations in Stressful Situations
 - ✓ Revised human performance tools implemented
 - ✓ No issues identified during work observations
 - ✓ No issues identified during review of previous events
 - ✓ Corrective Actions Effective

Inspection Results – IP 95002 Issues

Action Item Effectiveness Review

IP 95002 Issues Action Item Effectiveness – Results

- Other Observations
 - Human Performance weaknesses identified
 - Use of Placekeeping
 - Marking of Procedure Steps as N/A
 - Human Performance weaknesses not consistently addressed by first line supervisors

Summary

Perry is Being Operated Safely

Challenge Areas:

- Corrective Action Program Implementation
- Human Performance

Continued Supplementary Oversight

Licensee Response and Remarks

FENOC

Perry Nuclear Power Plant

Upcoming NRC Activities

Remaining Planned CAL Followup Inspections

- Human Performance Action Item
Effectiveness Review - October 2006
- Corrective Action Program Action Item
Effectiveness Review - November 2006

Contacts for Additional Information

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■ Perry Resident Inspector Office

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Reference Sources

- Reactor Oversight Process

- ◆ <http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html>

- Public Electronic Reading Room

- ◆ <http://www.nrc.gov/reading-rm.html>

- Public Document Room

- ◆ 1-800-397-4209 (Toll Free)

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