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Problem Identification & Resolution (PI&R) Enhancement Update

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September 21, 2016; 10:30-11:00 AM

September 2016 Reactor Oversight Process Monthly Public Meeting, NRC HQ

Preview

- Scope Reduced to 3 Enhancements
- Delta from Current Process
- Enhancement Drivers (Problem Statements)
- Licensees Impacts
- Inspector Impacts
- Some Anticipated Specifics
- What's Next
- Review And Q&A

Scope Reduced to 3 Enhancements

1. **Track & Inspect Completed Corrective Actions for All Greater-than-Greens**

2. **Annual Follow-up Inspection of Selected Significant Long Term Issues**

3. **Return Daily CAP Screening from IP 71152 to IMC 2515 Appendix D**

Delta from Current Process

- **Tracking, Scheduling, Transparency & Predictability**
  - **Reactor Program System (RPS)**
  - **Inspection Documentation**
- **Requirement & Resource Reallocation**
  - **Biennial -> Annual Follow-up**
  - **IP 71152 -> IMC 2515 App. D**

Principle Enhancement Drivers (Problem Statements)

- General
  - Commission Staff Requirements
  - IMC 0307 App B Baseline IP Reviews
- Enhancements 1 & 2
  - Browns Ferry IP 95003 Lessons Learned
  - Fort Calhoun IMC 0350 Lessons Learned
- Enhancement 3
  - Plant Status vs. Baseline Inspection

Licensees Impacts

- **No change in NRC requirements or expectations**
- **Enhanced NRC tracking, scheduling, and follow-up of significant issues**
- **Improved NRC separation of plant status and baseline inspection**
- **Reduced emphasis on- and impact of biennial team inspection**

Inspector Impacts

- **Tracking & IP 71152 annual follow-up of all completed greater-than-green (GTG) planned corrective actions (PCAs)**
- **Relocation of PCA inspection requirements & resources from biennial (-40 hours) to annual follow-up (+20 hours; 4-8 becomes 5-9)**
- **Return daily CAP review resources (129 to 225 hours), requirements, and commitment from IP 71152 to IMC 2515 App D Plant Status**
- **Decline in PI&R sample & effort over-use (~ 130%) and high site-to-site variance**

Some Anticipated Specifics

- **Before closing GTG Issue & IP-9500X,* IP 71152 follow-up must be scheduled in RPS based on licensee's PCA completion date.**
- **Tracking Information (i.e. CAP Doc. No., RPS PCA Tracking No., and PCA completion date) must be documented in supplemental IR (and, ideally, on the action matrix web page – as public cannot access RPS).**
- **One required IP 71152 follow-up per supplemental inspection**

What's Next

- **Complete Enhanced Draft IP 71152, and other companion changes (i.e. IMC 2515 App D): End of Sep 2016**
- **Internal Comment Resolution**
- **Publish Revised Docs: Early Dec 2016**
- **Target Effective Date: 1 Jan 2017**

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END OF PRESENTATION

Questions?

References

- April 2014, ROP Enhancement Project Encl. 6 (ML14017A391) [P]
- March 2014, ROP Independent Assessment Report ("McDermott Report" ML14035A571) [P]
- December 2015, Staff Actions on McDermott Report Recommendations and Suggestions (ML15264A171) [P]
- June 2013, periodic assessment of IP 71152 "Problem Identification and Resolution" [NP]
- ROP Feedback Forms (ML16050A099) [NP]
- IP 71152(B) Hours And Samples Per Unit 2012-2015 (ML16167A362) [NP]