

Problem Identification & Resolution (PI&R) Enhancement Update

Ross Telson, IP 71152 Lead
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**

Review

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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]