


Regulatory Issues Task Force

Regulatory Performance Dashboard


Regulatory Information Conference
March 15, 2018

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Background

- Project AIM Task 19
 - Improve licensing through phased initiatives, including conducting a business process improvement review of the operating reactor licensing process and make associated improvements to enhance the predictability, timeliness, and efficiency of the reviews, while ensuring and measuring the effectiveness and quality of the reviews. The review includes identifying lessons learned on how the backlog originated and how it was resolved.
 - Revised LIC 101 and LIC 109 – Issued December 2016
 - Train Staff on Licensing Basis and RAI processes
 - Develop additional metrics to track life cycle of Licensing Actions



Licensing Process Improvement Perspective

Desired outcome – Disciplined Licensing Reviews

- Predictable
- Efficient
- Cost Effective
- Quality Reviews

Improvements have been achieved

- Acceptance Reviews
- RAIs
- Duration Estimates
- Management Engagement



NRC Performance Indicators

- RITF/RIWG Interface With NRR, DORL
 - Opportunity to provide feedback on effectiveness of NRC improvement initiative
 - Reviewed current indicators
 - Proposed additional indicators that could be analyzed to provide insights

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Performance Indicators

Existing Performance Indicators

- Completion of License Renewal Application Reviews
- Number of Plants Baseline Inspections Completed During Inspection Cycle
- Licensing Actions Completed Per Year
- Percentage of Final SDP Determinations Made Within 90 Days For Potentially > Green Findings
- Age of Licensing Action Inventory
- Age of Other Licensing Actions and Number Completed Per Year
- Timeliness in Completing Enforcement Actions
- Timeliness of Completing Investigations

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Performance Indicators

Industry Proposed Performance Indicators

- Average Age of Licensing Action Backlog
- Licensing Applications Not Accepted by NRC
- Licensing Review Resource Reliability
- DBAI Cost Trend
- Use of Requests For Additional Information
- Challenges to Approved Design
- Post Acceptance Withdrawals of Licensing Actions
- Use of URI/TIA Processes

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Industry Proposed Performance Indicators

Licensing Backlog Average Age

- Performance Target Area:
 - NRC Licensing Backlog Prioritization
 - Resource Planning
 - Review Scheduling
 - Review Oversight
- Measure:
 - Average Age of Licensing Actions

Licensing Review Resource Predictability

- Performance Target Area:
 - Predictability of NRC Licensing Review Costs
- Measure:
 - Actual Hours to Complete Review/Estimated Hours

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Industry Proposed Performance Indicators

Use of Requests for Additional Information

- Performance Target Area:
 - Effective Review of Licensing Actions
 - Efficient Review of Licensing Actions
- Measure:
 - Number of RAIs for Each Submittal in the Reporting Period

Post Acceptance Withdrawals

- Performance Target Area:
 - Industry Submittal Quality
 - Application Approval Process Discipline
 - Monitor Late in the Approval Process Withdrawals
- Measure:
 - Total Number of Withdrawals in the Reporting Period

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Industry Proposed Performance Indicators

Licensing Action Submittal Not Accepted

- Performance Target Area:
 - Industry Quality of Submittals
 - Acceptance Process Discipline
- Measure:
 - Number of Non-Acceptances for the Reporting Period

Design Basis Assurance Inspection Cost Trend

- Performance Target Area:
 - Trend resources required to execute and support inspection
- Measure:
 - Inspection Hours per Inspection (NRC and Contractor)

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Industry Proposed Performance Indicators

Challenges to Approved Design Basis

- Performance Target Area:
 - Monitor Inspection Activities for Potential Re-Interpretation of Licensing or Design Basis
- Measure:
 - Solicit Input from Licensee's on NRC Inspection Activities Through The Regional Utility Group

URI/TIA Process

- Performance Target Area:
 - Consistency and Disciplined use of the URI and TIA processes
- Measure:
 - Total Number and Average Age of URIs and TIAs by Region

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Committee on Environment and Public Works Request

Overlap With Industry Dashboard Initiative

- Several Performance Indicators are duplicated (March 2018)
- NRC developing Licensing Process Indicators of their own (February 2018)
- RITF will continue to interface With NRC (ongoing)

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