2001 REGULATORY INFORMATION CONFERENCE

Current and Emerging Regulatory Trends and Corresponding NRR Initiatives
Session: W1

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Performance Goals

- Maintain Safety
- Increase Public Confidence
- Reduce Unnecessary Regulatory Burden
- Make NRC Activities and Decisions more Effective, Efficient, and Realistic

Performance Goal Measures

- Maintain Safety
  - Reactor Oversight Process
  - Performance Indicators as Safety Yardsticks
  - Regulatory Effectiveness
  - Continuous Improvement

Performance Goal Measures

- Increase Public Confidence
  - Allegations Program
  - Responsive to 10 CFR 2.206 Petitions and FOIA Requests
  - Stakeholder Input Sought for Regulatory Decisionmaking

Performance Goal Measures

- Reduce Unnecessary Regulatory Burden
  - Risk-Informed Regulation Implementation Plan (SECY-00-0213)
    - Risk-Informing 10 CFR Part 50 Technical Requirements (SECY-00-0198)
    - South Texas Exemption Request
    - Risk-Informed In-Service Inspections/Testing (ISI/IST)

Performance Goal Measures

- Reduce Unnecessary Regulatory Burden
  - Reactor Oversight Program Improvements
  - Consideration of Industry Initiatives in Lieu of Regulatory Requirements
  - Actively Seeking Stakeholder Input When Formulating New Regulatory Initiatives

Performance Goal Measures

- Enhancing the Effectiveness, Efficiency, and Realism of NRC Decisions and Activities
  - Adherence to Planning, Budgeting, and Performance Management (PBPM) Principles
  - Outcome-Oriented Management

NRR Performance Management Model

1. Operational Planning

- Effectiveness Review
- Operating Plan
  - Purpose
  - Monitors
  - Metrics
  - Accountability
  - Levels
  - Resource Allocation

2. Reporting

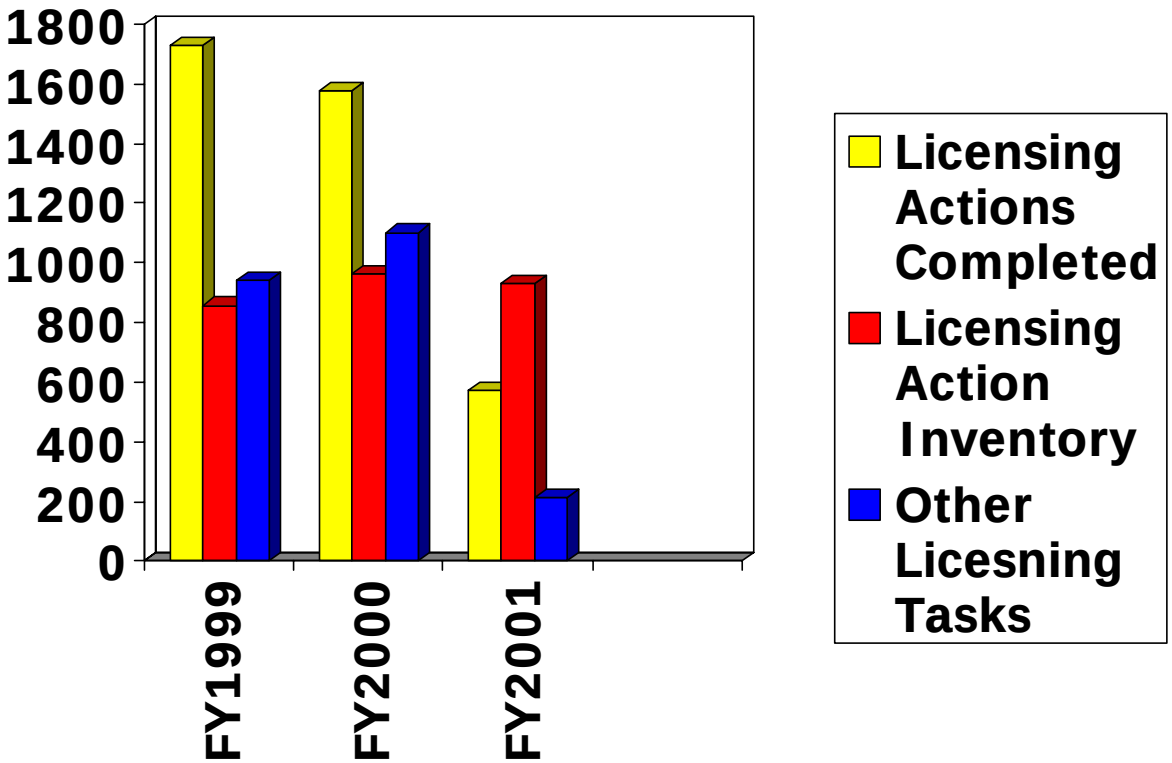
- Periodicity
- Levels
  - Executive
  - Leadership
  - Operational
- Formats
- Structure
- Accountabilities for communicating results

3. Management Oversight

- Process of reviewing performance data
- Performance data analysis
- Communication about out-of-standard results
- Decision making about emergent work

Performance Management Phases at NRR

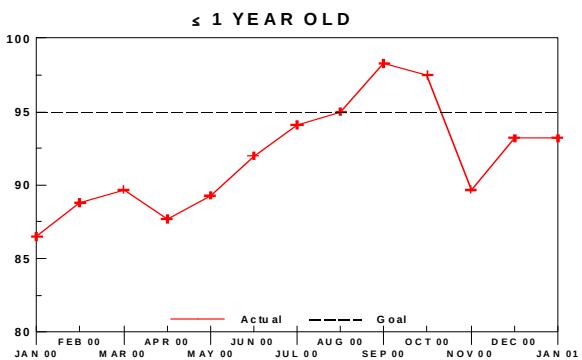
Outcome-Oriented Results

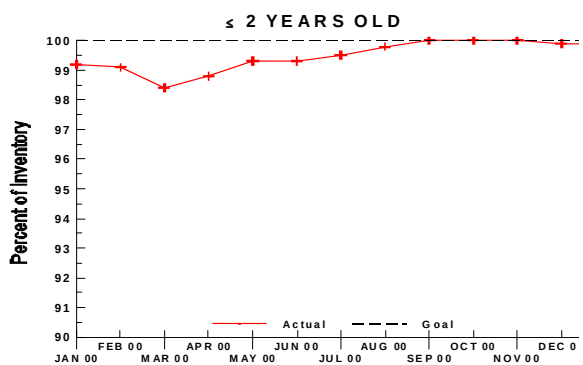


Outcome-Oriented Results

Nuclear Reactor Safety - Reactor Licensing

Performance Plan Target: Age of Licensing Action Inventory





Outcome-Oriented Results

- Risk-Informing Technical Requirements in 10 CFR Part 50
  - Proceeding with Rulemaking on Risk-Informed Version of 10 CFR 50.44
- Risk-Informing Special Treatment Requirements for Power Reactors
  - November 2000 Draft SE on South Texas Exemption Request

Outcome-Oriented Results

- Reactor Oversight Process (ROP)
  - ROP Initial Implementation Evaluation Panel (IIEP) 3rd Meeting Held in January 2001
  - Public Workshop to be Held in March 2001
  - 11 Focus Groups Formed to Evaluate ROP-Specific Issues

Outcome-Oriented Results

- License Renewal
  - Calvert Cliffs Renewed Licenses Issued on March 23, 2000
  - Draft SE on Arkansas Nuclear One, Unit 1, Renewal Application issued in January 2001
  - Staff Review of Hatch and Turkey Point Renewal Applications on Schedule

Outcome-Oriented Results

- Power Reactor Security Regulations
  - Staff Proceeding with 10 CFR 73.55 Rulemaking Plan Activities Identified in SECY-99-241
  - Staff Approach for Rulemaking Described in SECY-00-0063
  - Interim Revision to PPSDP Approved by Commission in January 2001

Emerging Trends

- Regulatory and Management Challenges
  - License Renewal: Multiple, Simultaneous Applications
  - 10 CFR Part 52 Licensing
    - PBMR
    - AP1000
    - IRIS
    - Early Site Permits

Emerging Trends

- Regulatory and Management Challenges
  - Deregulation
    - Grid Stability/Reliability
    - Industry Restructuring
    - Reactor License Transfers
    - Reactivation of Deferred Plants

Emerging Trends

- Regulatory and Management Challenges
  - Human Capital
    - Work Force Planning: Impact of Age Demographics on NRC
    - Succession Planning

Conclusion

- NRR Performance Management Processes Up to Task
- NRR Performance Management Model Adaptable to Changing Environment
- PBPM Provides Necessary Rigor for Efficient and Disciplined Regulatory Decisionmaking