

STATUS OF THE REACTOR OVERSIGHT PROCESS

**Inspection Program Branch
December 13, 2000**



TOPICS FOR DISCUSSION

- **Initial Implementation Status**
- **Program Feedback**
- **Key Issues**
- **Future Activities/Program Development**

1/13/01

INITIAL IMPLEMENTATION STATUS

- Completed 8 months of initial implementation
- Have exercised many aspects of the ROP
- Generally positive feedback
- Spectrum of plant performance noted

INITIAL IMPLEMENTATION SDP

- 16 > Green issues processed by SERP
 - IE = 1 Red
 - MS = 6 White 2 Yellow
 - B
 - EP = 3 White
 - RP(P) = 1 White
 - RP (O) = 2 White
 - PP = 1 White
- (To be reevaluated upon Commission approval of interim SDP)

PROGRAM FEEDBACK

- **Steady stream of stakeholder feedback**
- **NRC/Industry Working Group activities**
- **Initial Implementation Evaluation Panel**
- **Mid-cycle Public Forums**
- **Regional site visits**
- **Federal Register Notice**
- **Public Lessons Learned Workshop**

KEY ISSUES

- **Threshold for documenting issues in Inspection Reports**
- **Cross-cutting Issues**
- **Performance Indicator issues**
- **Fire Protection issues**
- **Safeguards issues**
- **Inspection program flexibility**

Lessons Learned: PIs

- **Complicating Factors**
 - **Variety of plant designs**
 - **Variations in plant technical specifications**
 - **Differences in operating procedures**
- **Licensee Response**
 - **Margin to threshold**
 - **Strive for zero**
- **Unintended Consequences**
 - **Manual Scrams**
 - **Unplanned Power Changes**
 - **Safety System Unavailability**
 - **Safety System Functional Failures**
- **Problem PIs**
 - **Barrier Integrity Cornerstone**
 - **Physical Protection Cornerstone**

FUTURE ACTIVITIES/DEVELOPMENT

- **SDP improvements and enhancement**
- **Scram PI Pilot Program**
- **Redefine Unplanned Power Changes and Unavailability PIs**
- **Develop industry trends assessment process**
- **Risk-based Performance Indicator development**
- **Conduct self-assessment of initial implementation**
- **Lessons Learned Workshop (March 2001)**
 - **Internal**
 - **External**
- **Commission paper and meeting June/July 2001**