RIC 2006
Session W3GH
Safety Culture Initiatives & Implications

NRC Safety Culture Initiatives

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Purpose

To provide information on the objectives of the NRC's Safety Culture Initiative, the approach taken, associated changes, and next steps.

Objectives

The objectives of the NRC Safety Culture activities are to strengthen the ROP, in conjunction with industry efforts, to better identify and address safety culture weaknesses before they manifest themselves in significant safety concerns.

Background

- Davis-Besse Lessons Learned Recommendations
- Government Accountability Office (formerly the General Accounting Office) (GAO) Recommendation
- Input from Congressional stakeholders
- Commission Staff Requirements Memorandum (SRM-SECY-04-0111, August 2004, and SRM-05-0187, December 2005)

Definition of Safety Culture

That assembly of characteristics and attitudes in organizations and individuals which establishes that, as an overriding priority, nuclear plant safety issues receive the attention warranted by their significance.

Safety Culture Initiative Approach

- Developed with stakeholder involvement
- Defined safety culture components
- Identified potential ROP enhancements
- Developed a proposed approach
- Confirmed alignment with ROP principles

Inspection Program Changes

- Baseline inspection procedures
  - IP 71152
- Event response inspection procedures
  - IP 71153, IP 93812, IP 93800
- Supplemental inspection procedures
  - IP 95001, IP 95002, IP 95003

Assessment Process Changes

- Framework of IMC 0305 remains largely unchanged
- Cross-cutting areas to be adjusted to reflect safety culture components
- Graded approach for continuing substantive cross-cutting issues

Next Steps

- Regulatory Information Summary (RIS)
- Develop and implement training
  - Near-term on safety culture and ROP changes (April – June 2006)
  - Long-term (e.g., training for new inspectors, continuing training) to be completed by December, 2006
- Initial Implementation of Safety Culture Enhancements to the ROP (July 1, 2006 through December 31, 2007)