



Overview of Trends in Decision-Making

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1



2011 Significant Events Included:

- Taking actions affecting reactor power without a full understanding of the plant conditions
- Making operability determinations without appropriate evaluation
- Working through, and around, inadequate procedures to complete work

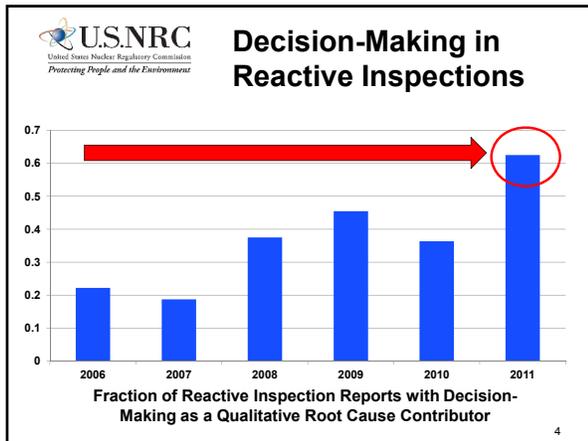
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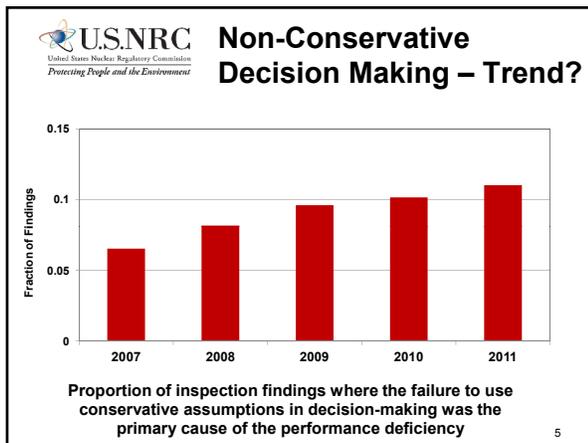


Reactive Inspection Analysis

- Common themes seen in multiple events which were complicated by factors related to decision-making
 - Lack of a questioning attitude when faced with unexpected indications
 - Failure to communicate concerns
 - Rationalization of less conservative actions

3





- U.S.NRC**
United States Nuclear Regulatory Commission
Protecting People and the Environment
- ### NRC Actions
- Operating Experience Smart Sample for review of operability determinations
 - Revision to Inspection Procedure for evaluation of operator performance
 - Exploring improvements to the Significance Determination Process to evaluate findings driven by human performance errors
- 6

Summary

- Increasing trend across the industry of performance deficiencies related to decision-making
- In 2011, decision-making had a noticeable impact on a number of significant events
- Industry groups noted a similar trend and have initiated actions to address it

7
