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RIC 2015

Regulatory Agility in the New Millennium

Achieving Exemplary Nuclear Regulation in the 21st Century

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Agenda

- Planning for the Future
- Project Aim 2020
- Alternative Futures Scenario Planning

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Traditional Planning

- Considers possible variables (drivers/trends)
- Develops a plan based on the most likely future predicted
- Implements based on the singular path to success



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Rate of Change at Cyberspeed

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Watch for the Warning Signs

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NRC's Project Aim 2020

Project Aim 2020 developed:

- Recommendations for improving the current and projected performance
- Concrete and specific projections of the workload for the agency five years out
- Recommendations for agency resource levels and workforce staffing

 

Read the Signs



Drivers and trends:

- Economic
- Energy
- Nuclear industry
- Technology
- Demographic
- Political (domestic and international)
- Global
- Environmental

 

Developed Alternative Futures Scenarios



- Analyzed the external drivers to determine:
 - Plausibility
 - Implications
 - Impact on internal trends and activities
- Developed scenarios that explicitly consider and explore a range of possible future operating conditions
- Created multiple scenarios (4 – 6) that represent a broad range of plausible futures

 

Apply Alternative Futures Scenario Planning



Conducted focus groups to:

- Consider the current state
- Discuss the alternative future scenarios
- Identify the gaps, obstacles, and improvements needed
- Develop strategies to respond proactively, rather than reactively to conditions

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Planning and Implementation

- Refined the strategies working with other groups and leadership
- Agreed upon the most effective and efficient strategies that will address the range of plausible future conditions
- Developed a plan to integrate the strategies into budgeting and planning activities
- Established a process to monitor drivers and trends inform adjustments to plans and future planning

Change Ahead

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Alternative Futures Scenario Planning

“It is better to be imprecisely right in our planning than precisely wrong.”

Building Higher Performance Government through Lean Six Sigma – A Leader’s Guide to Creating Speed, Agility, Efficiency, 2011, by Price, Mores, and Elliotte

Change Ahead
