


US Nuclear Industry Safety Improvement Progress Post Fukushima

April 23, 2013

**Jim Scarola, Executive Director
US Industry Fukushima Response**

Insights & Perspective

- **Early Delivery of Public Safety Improvements**
- **Operational Oriented Actions**
- **Technical Rigor and Analysis based Improvements**
- **Willingness to evolve as facts, knowledge, and learning progress**
- **Hardware changes should not overshadow the leadership and human behavioral lessons**



The Way Forward

U.S. Industry Leadership
in Response to Events at
the Fukushima Daiichi
Nuclear Power Plant

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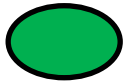
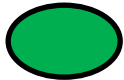
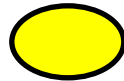


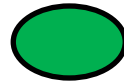
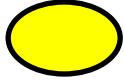
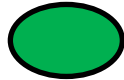
The Way Forward

Strategic Goals

	1) Maintaining Operational Focus
	2) Core Cooling & Containment Integrity
	3) Industry Response Capability
	4) Integration of Emergency Procedures
	5) External Hazard Update and Margins
	6) Spent Fuel Pool Cooling and Make-up
	7) Containment Strategy – Damaged Core
	8) Radiation and Ingestion Pathways



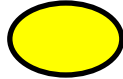
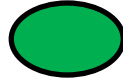
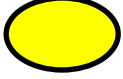
The Way Forward

Stakeholders and Desired Outcomes

	General Public is Kept Informed
	Employees Learn Operating Experience
	Emergency Responders Benefit from OE
	Internal Stakeholders Collaboration
	Regulators - Industry Participation
	Technical Associations Collaboration
	Policy Makers are Kept Informed
	International Shared Learning's

The Way Forward

Building Blocks

	1) Focus On Excellence for Existing Plants
	2) Develop and Issue Lessons Learned
	3) Improve International Event Response
	4) Communications Plan
	5) Industry Interface with Regulators
	6) Coordinate International Organizations
	7) Technical Support and R&D