

February 11, 2011

**Charter for Task Force for
Assessment of Options for More Holistic Risk-Informed,
Performance-Based Regulatory Approach**

PURPOSE / SCOPE

Develop a strategic vision and options for adopting a more comprehensive and holistic risk-informed, performance-based regulatory approach for reactors, materials, waste, fuel cycle, and transportation that would continue to ensure the safe and secure use of nuclear material. The options may range from a complement to or alternative to current regulatory framework.

OBJECTIVES

The task force should identify the options and specific actions that the NRC could pursue to achieve a more comprehensive and holistic risk-informed, performance-based regulatory structure. The task force will address the following basic questions:

1. Are the current practices adequate for accomplishing the goal of a holistic risk-informed and performance-based regulatory structure?
2. How effective have past and on-going risk-informed initiatives been? What are the relevant lessons learned from these initiatives?
3. Should the use of risk information continue to be voluntary?
4. How effective have recent major deterministic licensing actions (i.e., license renewals, power uprates, B5b mitigation strategies) been? What are the relevant lessons learned from these actions?
5. What are the visions for a holistic risk-informed, performance-based regulatory structure for reactors, materials, waste, fuel cycle, and security?
6. How can the transition from the current system to a more holistic risk-informed, performance based regulatory structure be optimized?
7. What is the schedule for achieving this regulatory structure?
8. How should this structure be implemented?
9. How should stakeholder input be considered?
10. In each area, what are the capabilities and limitations of current probabilistic risk assessment methodologies?