



U.S. NRC

United States Nuclear Regulatory Commission

Protecting People and the Environment

**Briefing on NRC Response to
Recent Nuclear Events in
Japan**

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Agenda

- **Event Overview**
- **Immediate NRC Response**
- **Continuing NRC Response**
- **Health Effects of Radiation**
- **Domestic Reactor Safety**
- **Path Forward**

Event Overview

- **Discussion of initiating event**
- **Current status of reactors**
- **Current status of spent fuel pools**

Immediate NRC Response

- **Activated Operations Center**
- **Dispatched NRC experts to Japan**
- **Areas of focus**
- **Extensive outreach to stakeholders**

Continuing NRC Response

- **Operations Center**
- **Support U.S. response**
- **Provide assistance**
- **Mobilize resources**

Health Effects of Radiation

- **Offsite Doses**
- **Radiological Consequences**

Domestic Reactor Safety

- **NRC oversight of U.S. plant safety**
- **Continuous improvement based on operating experience**

NRC Activities – Near Term

- **Inspection Activities**
- **Generic Communications**
- **Immediate regulatory actions**

NRC Activities – Longer Term

- **Lessons learned and recommendations**
- **Regulatory actions, for example, to identify potential:**
 - **Research projects**
 - **Generic issues**
 - **Regulatory enhancements**

Conclusion