



**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**