

SCHEDULING NOTE

Title: **BRIEFING ON FLOODING AND OTHER EXTREME WEATHER EVENTS (Public)**

Purpose: To provide the Commission with an overview of current approaches used to establish nuclear facilities design basis for flood and other extreme weather events.

Scheduled: **January 6, 2014**
 1:30 pm

Duration: Approx. 3.5 hours

Location: Commissioners' Conference Room, 1st floor OWFN

Participants:	Presentation
<u>External Panel</u>	60 mins.*
Robert DeNight , Operations Director, Salem Nuclear Generating Station	10 mins.*

Topics:

- Approaches used to establish nuclear facility design basis for flooding and other extreme weather events
- Actions taken to protect nuclear facilities against flooding and other extreme weather events
- Licensee actions to prepare and respond to extreme weather events

Stuart Lewis , Program Manager, Risk and Safety Management, Electric Power Research Institute (EPRI)	10 mins.*
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Topics:

- Considerations and preparations for extreme weather events

Chandra S. Pathak , Senior Hydraulic Engineer, Engineering and Construction Branch, U.S. Army Corps of Engineers	10 mins.*
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Topics:

- National efforts to coordinate studies and databases for reviewing and improving methodologies to assess extreme storm events

Geoff Bonnin, Chief, Hydrologic Science and Modeling Branch, Office of Hydrologic Development, National Oceanic Atmospheric Administration (NOAA) National Weather Service 10 mins.*

Topics:

- Projected extreme weather events in the United States

Lance Vail, Senior Research Engineer, Pacific Northwest National Laboratory 10 mins.*

Topics:

- Considerations for flooding

David Lochbaum, Director, Nuclear Safety Project, Union of Concerned Scientists 10 mins.*

Topics:

- Approaches used to establish nuclear facility design basis for flooding and other extreme weather events
- Actions taken to protect nuclear facilities against flooding and other extreme weather events
- Licensee actions to prepare and respond to extreme weather events

Commission Q & A 50 mins.

Break 5 mins.

NRC Staff Panel 40 mins.*

Mark Satorius, Executive Director for Operations

Eric Leeds, Director, Office of Nuclear Reactor Regulation (NRR)

David Skeen, Division Director, Japan Lessons Learned Directorate

George Wilson, Branch Chief, Division of Operator Reactor Licensing, NRR

Chris Cook, Branch Chief, Division of Site Safety and Environmental Analysis, Office of New Reactors (NRO)

William Ott, Branch Chief, Division of Risk Assessment, Office of Nuclear Regulatory Research (RES)

Topics:

- Current methods used to establish nuclear facilities design basis for flooding and other extreme weather
- NTF recommendation 2.1 and 2.3 flooding reviews

- Research activities to further enhance methods used to evaluate flooding and extreme weather
- Lessons learned from flooding at Fort Calhoun and from hurricane Sandy at Oyster Creek
- Dam safety interim staff guidance and interactions with other Federal agencies

Commission Q & A **50 mins.**

Discussion – Wrap-up **5 mins.**