



NRC UPDATE PANEL

NRC REGION IV

Training, Outreach and Planning Conference

Sacramento, CA

February 2, 2010

Panel Chair: Brian McDermott

Panelists: Joe Anderson, Walter Lange, Lisa Gibney, Jason Kozal

Overview

- Organizational Changes
- Proposed EP Rulemaking and Guidance
- Revision to NUREG-0654, Supplement 3
- EP Program Updates
- Future EP Initiatives
- ERDS Modernization
- Incident Response: Generic Communications

Organization Changes

- New NSIR Office Director (Jim Wiggins)
- Proposed retirement: Director, Division of Preparedness and Response (Mel Leach)
- DDEP branch realignment:
 - Operating Reactor Licensing and Outreach Branch (Joe Anderson)
 - New Reactor Licensing Branch (Kevin Williams)
 - Regulatory Improvement and Inspection Branch (Bob Kahler)

Proposed EP Rulemaking and Guidance

Current Status:

- NRC Staff has received 94 submissions with 687 individual comments
- December 8, 2009 Commission briefing
- Staff is currently coordinating with FEMA to resolve comments

Proposed EP Rulemaking and Guidance

Remaining Milestones:

- **Complete Draft Final Rule & NRC Guidance**
– **February 2010**
- **ACRS Review**
– **March-April 2010**
- **Submit Final Rule to Commission**
– **May 2010**
- **Publish Final Rule & Guidance**
– **Fall 2010**

Revision to Supplement 3 of NUREG-0654 / FEMA-REP-1

Background:

- NUREG/CR-6953, Volume 1
 - protective action options
- NUREG/CR-6953, Volume 2
 - public tendencies
- NUREG/CR-6953, Volume 3
 - In process - response to a large early release

Revision to Supplement 3 of NUREG-0654 / FEMA-REP-1

Milestones:

- Draft with FEMA for review/comment
- Publish for public comment
 - Opportunity for stakeholder involvement
- Propose to issue with final EP rule

Revision to Supplement 3 of NUREG-0654 / FEMA-REP-1

Key Elements:

- SIP when impediments to evacuation exist, including hostile action
- Large early release protective actions
- Account for mitigative actions taken

Revision to Supplement 3 of NUREG-0654 / FEMA-REP-1

Key Elements:

- Staged evacuation should be considered as an initial protective action at General Emergency
- The public will implement staged evacuation and shelter in place (SIP) if the proper messaging is used
- Guidance provided for emergency messaging (Attachment)

Operating Reactor Licensing:

- Status of proposed Revision 1 to RIS 2005-02, “Process for Making Emergency Plan Changes”

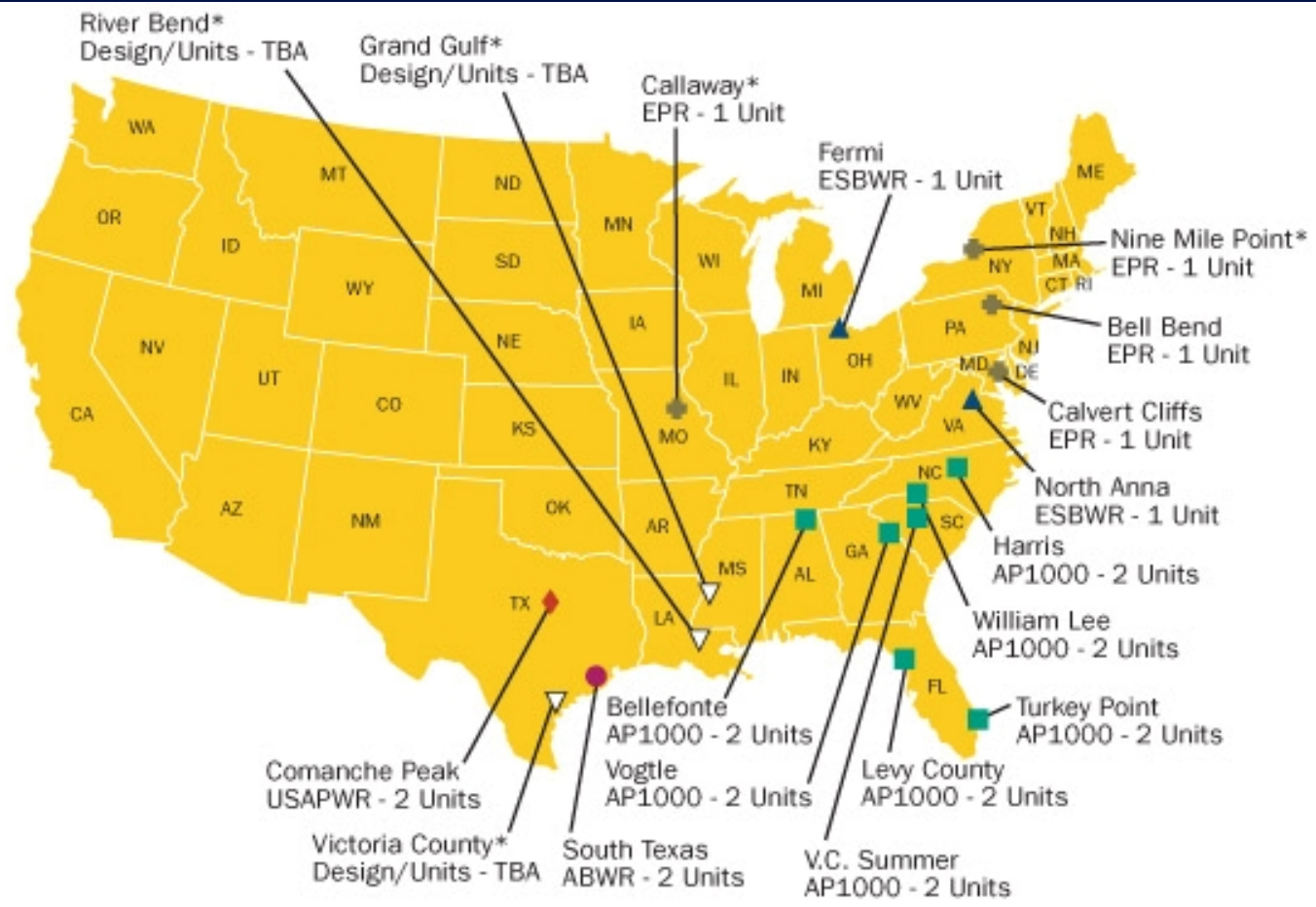
New Reactor Licensing:

- Review status (current / proposed)
- Reviewing EP policy for advanced reactors
- Guidance will be revised to assure applicability
- www.nrc.gov/reactors/new-reactors.html



United States Nuclear Regulatory Commission

Protecting People and the Environment



You may click on a design name to view the NRC's Web site for the specific design.

● ABWR	■ AP1000	⊕ EPR	▲ ESBWR	◆ USAPWR	▽ Design/Units - TBA
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*Review Suspended

Future EP Initiatives

- Revision to NUREG-0654/
FEMA-REP-1
- Performance-Based/Risk-
Informed EP Rulemaking

ERDS Modernization Project

Background:

- **Phase 1:** Upgrade ERDS servers and client software to web-based solution (Complete)
- **Phase 2:** Transition from analog modem to Virtual Private Network (VPN) technology

ERDS Modernization Project

Reasons for the Transition:

- Modem technology is obsolete
- Connection reliability issues
- Modems pose potential security risk to attached systems
 - NRC planning to remove modems from our IT systems (date TBD)

ERDS Modernization Project

Current Status:

- Prototype testing conducted (9/08-12/08)
- RIS 2009-13, “Emergency Response Data System Upgrade from Modem to Virtual Private Network Appliance” (September 28, 2009)
- Encourage licensees to transition now while contractor support is available

ERDS Modernization Project

Current Status (con't):

- NSIR/DSP position regarding relationship between ERDS and 10 CFR 73.54 cyber security requirements is publicly available (ML10130359)

ERDS Modernization Project

Success Story:

- Perry Nuclear Power Plant successfully transitioned from modem to VPN connection on 1/26/10.
- Several additional licensees are currently in the process of transitioning.

Generic Communications

- **IN 2008-15** “Emergency Response Data System Test Schedule Revised” issued on 8/12/2008
- **IN 2009-01** “National Response Framework” issued on 1/22/2009
- **IN 2009-08** “NRC Rapid Notification of Licensees Following a Physical Attack Against a Facility” issued on 5/8/2009 (OUO)

Generic Communications

- **RIS 2008-22** “Notification of Licensees Regarding Aircraft Threats” issued on 10/6/2008
- **RIS 2009-10** “Communications Between the NRC and Reactor Licensees During Emergencies and Significant Events” issued on 6/19/2009
- **RIS 2009-13** “Emergency Response Data System Upgrade From Modem to Virtual Private Network Appliance” issued on 9/28/2009

Questions?