



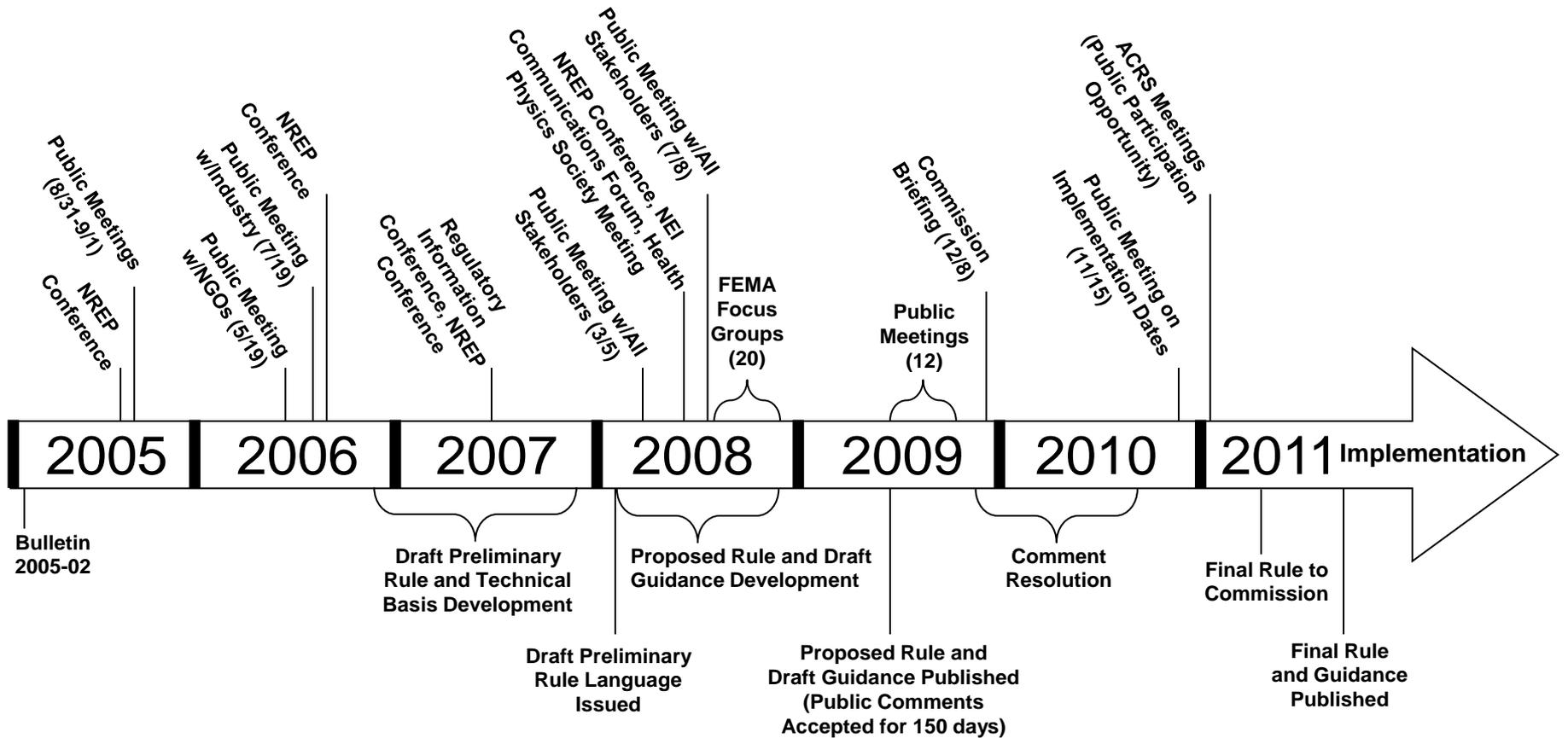
Information Briefing on Emergency Preparedness

May 3, 2011

Evolution of NRC Emergency Preparedness Regulations

- ***Emergency Planning Basis***
- ***Pre-Three Mile Island***
- ***Post-Three Mile Island***
- ***State/Local Participation***
- ***Post-September 11, 2001***

EP Rulemaking Process



EP Rulemaking Topics

#	TOPIC
1	Amended Emergency Plan Change Process
2	Evacuation Time Estimate Updating
3	Licensee Coordination with Offsite Response Organizations*
4	On-Shift Staffing Analysis*
5	Emergency Action Levels for Hostile Action*
6	Emergency Declaration Timeliness
7	Alert and Notification System Backup Means
8	Emergency Operations Facility – Performance-Based Approach
9	Emergency Response Organization Augmentation at Alternative Facility*
10	Challenging Drills and Exercises*
11	Protection for Onsite Personnel*
12	Removal of Completed One-Time Requirements

(*) Indicates Security-Related EP Topic

NRC Guidance Documents

- ***NUREG/CR-7002***
- ***Regulatory Guide 1.219***
- ***NSIR/DPR-ISG-01***

Public Comments

- ***Emergency Plan Change Process***
- ***Evacuation Time Estimate Updates***
- ***Licensee Identification of Offsite Support***

Public Comments (Continued)

- ***On-Shift Staffing Analysis***
- ***Alert and Notification System Backup Means***
- ***Exercise Cycles and Variations***

Implementation Considerations

- ***Alignment with FEMA***
- ***Cumulative Effects of Regulation***
- ***Implementation Periods***
- ***Implementation Workshops***
- ***Follow-Up Inspection***

Acronyms/Abbreviations

- **ACRS** *Advisory Committee on Reactor Safeguards*
- **ANS** *alert and notification system*
- **CFR** *Code of Federal Regulations*
- **EP** *emergency preparedness*
- **EPA** *Environmental Protection Agency*
- **EPZ** *emergency planning zone*
- **ERO** *emergency response organization*
- **ETE** *evacuation time estimate*
- **FEMA** *Federal Emergency Management Agency*
- **FOF** *force-on-force*
- **ISG** *Interim Staff Guidance*
- **NEI** *Nuclear Energy Institute*
- **NGO** *non-governmental organization*
- **NRC** *Nuclear Regulatory Commission*
- **NREP** *National Radiological Emergency Preparedness*
- **SRM** *staff requirements memorandum*
- **TMI** *Three Mile Island*

Backup Slides

EP Rule Implementation Dates

#	EP RULE TOPIC	PROPOSED RULE IMPLEMENTATION PERIOD (2009)	STAKEHOLDER INPUT (2009)	FINAL RULE IMPLEMENTATION PERIOD (2010)	UPDATED STAKEHOLDER INPUT (2010)	REVISED FINAL RULE IMPLEMENTATION PERIOD (2011)
1	Amended Emergency Plan Change Process	30 days after date of final rule publication in <i>Federal Register</i>	12 months	30 days after date of final rule publication in <i>Federal Register</i>	90 days	None
2	Evacuation Time Estimate Updating	6 months after date of final rule publication in <i>Federal Register</i>	12 months	Within 365 days of the later of the availability of decennial census data or effective date of final rule	12 months	Within 365 days of the later of the availability of decennial census data or effective date of final rule
3	Licensee Coordination with Offsite Response Organizations	6 months after date of final rule publication in <i>Federal Register</i>	24 months	365 days after date of final rule publication in <i>Federal Register</i>	Up to 36 months	30 months from effective date of final rule
4	On-Shift Staffing Analysis	6 months after date of final rule publication in <i>Federal Register</i>	36 months	180 days after date of final rule publication in <i>Federal Register</i>	36 months	365 days from effective date of final rule to perform staffing analysis, then 30 days to implement interim comp. measures and 24 months to complete long-term corrective actions
5	Emergency Action Levels for Hostile Action	6 months after date of final rule publication in <i>Federal Register</i>	36 months	180 days after date of final rule publication in <i>Federal Register</i>	36 months	180 days from effective date of final rule

EP Rule Implementation Dates

#	EP RULE TOPIC	PROPOSED RULE IMPLEMENTATION PERIOD (2009)	STAKEHOLDER INPUT (2009)	FINAL RULE IMPLEMENTATION PERIOD (2010)	UPDATED STAKEHOLDER INPUT (2010)	REVISED FINAL RULE IMPLEMENTATION PERIOD (2011)
6	Emergency Declaration Timeliness	6 months after date of final rule publication in <i>Federal Register</i>	12 months	180 days after date of final rule publication in <i>Federal Register</i>	12 months	180 days from effective date of final rule
7	Alert and Notification System Backup Means	1 st biennial exercise more than 1 year after effective date of final rule	36 months	1 st biennial exercise more than 395 days after date of final rule publication in <i>Federal Register</i>	36 months	1) For a site with existing FEMA-approved ANS backup means in ANS design report, 12 months from effective date of final rule to implement ANS backup means 2) For a site at which an updated ANS design report would be submitted for FEMA approval, 18 months from effective date of final rule to submit the updated ANS design report to FEMA for adequacy review, then 365 days to install/implement the ANS backup means following FEMA approval, with total time period to implement FEMA-approved ANS backup means not to exceed 3 years and 6 months from effective date of final rule

EP Rule Implementation Dates

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8	Emergency Operations Facility – Performance-Based Approach	6 months after date of final rule publication in <i>Federal Register</i>	No input	180 days after date of final rule publication in <i>Federal Register</i>	No input	180 days from effective date of final rule
9	Emergency Response Organization Augmentation at Alternative Facility	6 months after date of final rule publication in <i>Federal Register</i>	36 months	180 days after date of final rule publication in <i>Federal Register</i>	36 months	1) 180 days from effective date of final rule to have staging area and communications capability 2) 36 months from effective date of final rule to have remaining capabilities
10	Challenging Drills and Exercises	1 st biennial exercise more than 1 year after effective date of final rule	6 months	1 st biennial exercise more than 395 days after date of final rule publication in <i>Federal Register</i> for hostile action exercise	3+ years	1) Licensees to conduct hostile action exercise for each of their sites by 12/31/15. 2) States to fully participate in one hostile action exercise by 12/31/15.
11	Protection for Onsite Personnel	6 months after date of final rule publication in <i>Federal Register</i>	90 days	180 days after date of final rule publication in <i>Federal Register</i>	90 days	180 days from effective date of final rule

NOTE: Applicants whose COL or ESP applications are docketed as of the final rule effective date will be allowed to defer compliance until December 31, 2013.