



NRC Safety Culture Activities

- **Reactor Oversight Process (ROP)**
 - **Industry Feedback**
 - **NRC Internal Reviews**
 - **Palo Verde IP95003**
 - **CY 2007 ROP Self-Assessment**



NRC Safety Culture Activities

- **Fuel Facilities**
 - Fuel Cycle Pilot Study
 - Nuclear Fuel Service Alternate Dispute Resolution Agreement
- **New Reactors**
 - Interactions with international community
 - Applicability of cross-cutting area components

New Reactor Licensing Applications (Site and Technology Selected)

An estimated schedule by Fiscal Year

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
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AP1000 Program Review

Design Cert

DC Amendment

TVA – Bellefonte (AL) (2) Hearing

South Carolina E&G-Summer (2) Hearing

Duke – Lee Station (SC) (2) Hearing

Progress Energy - Harris (NC) (2) Hearing

Vogtle ESP Hearing

Southern – Vogtle (GA) (2) Hearing

Progress Energy–Lewy County (FL) (2) Hearing

Florida P&L – Turkey Point (2) Hearing

* Schedules depicted for future activities represent nominal assumed review durations based on submittal time frames in letters of intent from prospective applicants. Actual schedules will be determined when applications are docketed.

ESBWR Program Review

Design Certification

North Anna ESP Hearing

Dominion - North Anna (VA) (1) Hearing

Entergy – Grand Gulf (MS) (1) Hearing

Entergy – River Bend (LA) (1) Hearing

EPR Program Review

Design Certification

UniStar - Calvert Cliffs (MD) (1) Hearing

PPL Generation – Berwick (1) Hearing

AmerenUE – Callaway (1) Hearing

Amarillo Power - (TBD) (TX) (2) Hearing

Alternate Energy Holdings - Bruneau (ID) (1) Hearing

UniStar-Nine Mile Pt (NY) (1) Hearing

ABWR Program Review

NRG Energy–South Texas Project (2) Hearing

USAPWR Program Review

DC – Mitsubishi USAPWR

TXU Power –Comanche Peak (TX) (2) Hearing

Legend:
 Design Certification
 Early Site Permit
 Combined License
 Hearing → Post SER/EIS Hearing (other hearing activities occur during ESP/COL safety and environmental reviews)
 Number in () next to COL name indicate number of units/site.

New Reactor Licensing Applications (Site or Technology TBD)

An estimated schedule by Fiscal Year

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
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AP1000 Program Review

ESBWR Program Review

EPR Program Review

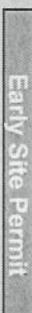
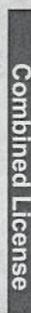
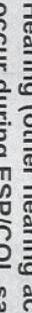
ABWR Program Review

USAPWR Program Review

Unspecified

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Legend:

-  Design Certification
-  Early Site Permit
-  Combined License
-  Hearing
-  Post SER/EIS Hearing (other hearing activities occur during ESP/COL safety and environmental reviews)
- Number in () next to COL name indicate number of units/site.

Clinton ESP Hearing

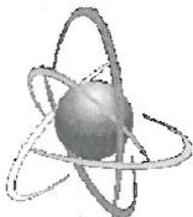
Unannounced Applicant ESP Hearing

Duke ESPs (2) Hearing
 Submittal Dates TBD

Exelon Texas-Site & Vendor TBD (2) Hearing

DTE - Fermi - Vender TBD (1) Hearing

Unannounced Site & Vendor-TBD (1) Hearing



U.S. NRC

United States Nuclear Regulatory Commission

Protecting People and the Environment

Emergency Preparedness

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U.S. NRC

United States Nuclear Regulatory Commission

Promoting Safety and the Environment

EP Challenges for industry and NRC

- Knowledge transfer
 - lessons learned
 - understanding impacts of changes
 - facilitation
- Outreach - public confidence
- Integration of EP activities
 - planning for changes
 - response capabilities
 - during exercises/events



USNRC

United States Nuclear Regulatory Commission
Protecting People and the Environment

EP Activities

- Hostile action based drills/exercises
- Rulemaking planned
- Emergency action level guidance
- Performance issues observing
- Training problems
- Loss of experience impacts
- Exercise critique thoroughness
- Participation with NRC