



U.S. DEPARTMENT OF  
**ENERGY**

**Nuclear Energy**

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**Cooperation between the  
U.S. Nuclear Regulatory Commission and the  
U.S. Department of Energy**

**Dr. Peter Lyons  
Assistant Secretary for Nuclear Energy  
U.S. Department of Energy**

**Nuclear Regulatory Commission  
April 22, 2013**



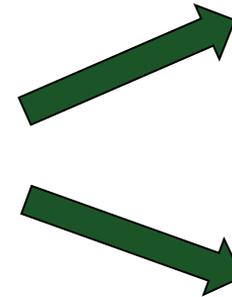
## DOE – NRC Cooperation

### Modes of Cooperation

- MOUs
- Joint Oversight
- Joint Funding
- Joint Planning
- Joint Interest



Project Results  
Data + QA



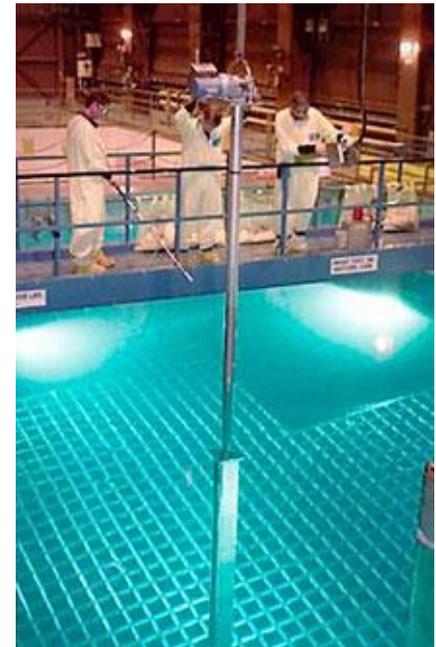
**NRC Regulatory  
Conclusions**

**DOE Technical  
Knowledge**



# DOE/NE and NRC Memoranda of Understanding

- **2007 – Advanced Fuel Cycle Initiative**
  
- **2008 – NRC participation in the Next Generation Nuclear Plant Project**
  
- **2009 – Cooperative Nuclear Safety Research**
  - Long Term Operations beyond 60 years
  - Extended Battery Operating Testing
  - Fukushima Daiichi Accident Study





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# Backup

Nuclear Energy

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# NE FY 2014 Congressional Request Funding Summary

	(Dollars in Thousands)	FY 2012 Current	FY 2014 Request
Integrated University Program		5,000	0
SMR Licensing Technical Support		67,000	70,000
Reactor Concepts RD&D		110,652	72,500
Fuel Cycle R&D		180,993	165,100
Nuclear Energy Enabling Technologies		71,307	62,300
Radiological Facilities Management		69,510	5,000
International Nuclear Energy Cooperation		2,983	2,500
Idaho Facilities Management		154,097	181,560
Idaho Safeguards and Security <sup>a</sup>		93,350	94,000
Program Direction		91,000	87,500
Adjustments		7,924 <sup>b</sup>	-5,000 <sup>c</sup>
<b>Total, Nuclear Energy</b>		<b>853,816</b>	<b>735,460</b>

a) Requested within Nuclear Energy in FY 2014 (retains Defense function), appropriated within Other Defense Activities in FY 2012.

b) Includes +\$7,924,00 transfer from Department of State.

c) Use of Prior Year Balances