



# Department of Energy FY 2007 Budget

**DOE: Energy, Science, and Security**

February 6, 2006



# Guiding Principles

- **Advancing our National Security**
- **Reducing Dependence on Foreign Oil**
- **Increasing Economic Competitiveness through Scientific Discovery**
- **Honoring our Commitments**
- **Managing for Excellence**

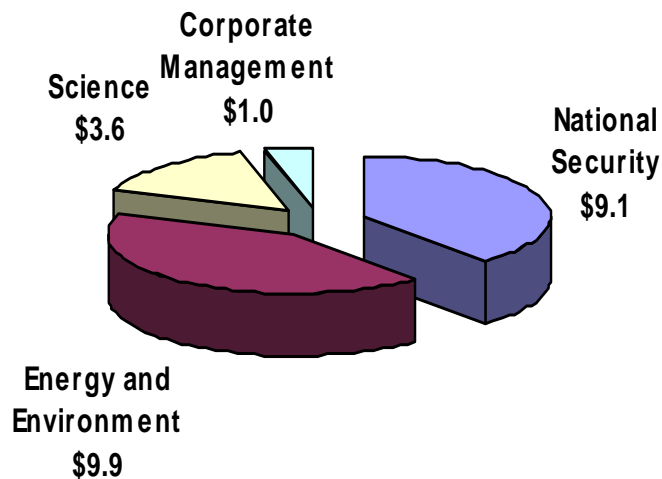


**Supporting our Nation's Highest Priorities**

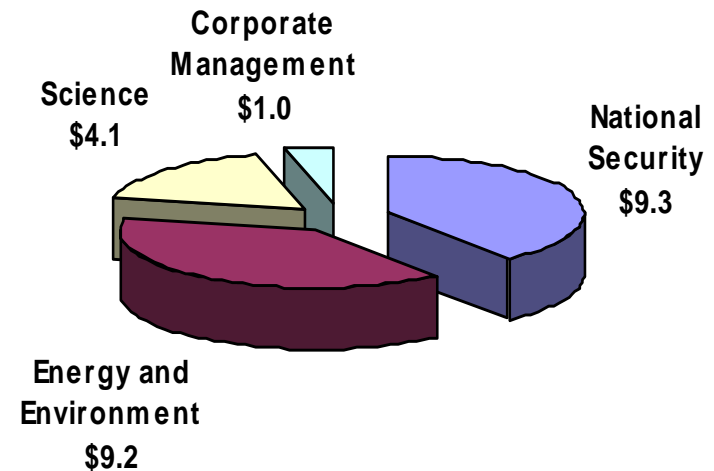


# DOE Budget : FY 2006 and FY 2007 (\$ in Billions)

**FY 2006 Appropriation  
\$23.6 Billion**



**FY 2007 Request  
\$23.6 Billion**



**FY 2007 request is level with FY 2006  
In real terms, \$0.5 billion below FY 2006**



# FY 2007 DOE Budget Breakout

By Organization (\$ in Millions)

	FY 2005 Approp.	FY 2006 Approp.	FY 2007 Cong. Request	Change
National Nuclear Security Administration	\$9,298	\$9,105	\$9,316	+\$211
Energy and Environment				
<i>Energy</i>	\$2,483	\$2,713	\$2,583	-\$130
<i>Environment</i>	\$7,926	\$7,163	\$6,573	-\$590
Total, Energy and Environment	\$10,409	\$9,876	\$9,156	-\$720
Science	\$3,636	\$3,596	\$4,102	+\$506
Corporate Management/FERC	\$1,002	\$986	\$983	-\$3
<b>Total DOE</b>	<b>\$24,345</b>	<b>\$23,563</b>	<b>\$23,557</b>	<b>-\$6</b>



# Initiatives: Seizing Opportunities

- American Competitiveness Initiative (\$505M)
  - President's commitment to double Federal spending on science over the next 10 years
- Global Nuclear Energy Partnership (\$250M) – Responds to the challenges of:
  - Global terrorism – threat of nuclear proliferation
  - Anticipated growth in energy demand – 50% increase over the next 20 years
- Energy Diversification – Results within 20 years
  - Solar America Initiative, \$148M (+\$65M)
  - Biomass/Biofuels Initiative, \$150M (+\$59M)
  - Hydrogen Fuel Initiative, \$289M (+\$53M)
  - FutureGen (\$54M in FY 2007; \$203M in FY 2008)
  - Nuclear Power 2010 (\$54M in FY 2007)



# Increasing Scientific Discovery

- Opportunities exist for a scientific revolution:
  - Biotechnology
  - Fusion Energy
  - Nanotechnology
  - High-Intensity Light Sources
  - Materials Science
  - High-Speed Computing
- The nations that lead this scientific revolution will dominate the global economy
- Significant investment is required
- The DOE Office of Science plays a critical role:
  - responsible for 10 world-class U.S. national laboratories
  - the primary builder and operator of scientific facilities in the U.S.
  - educating and training our next generation of scientists and engineers



American Competitiveness Initiative



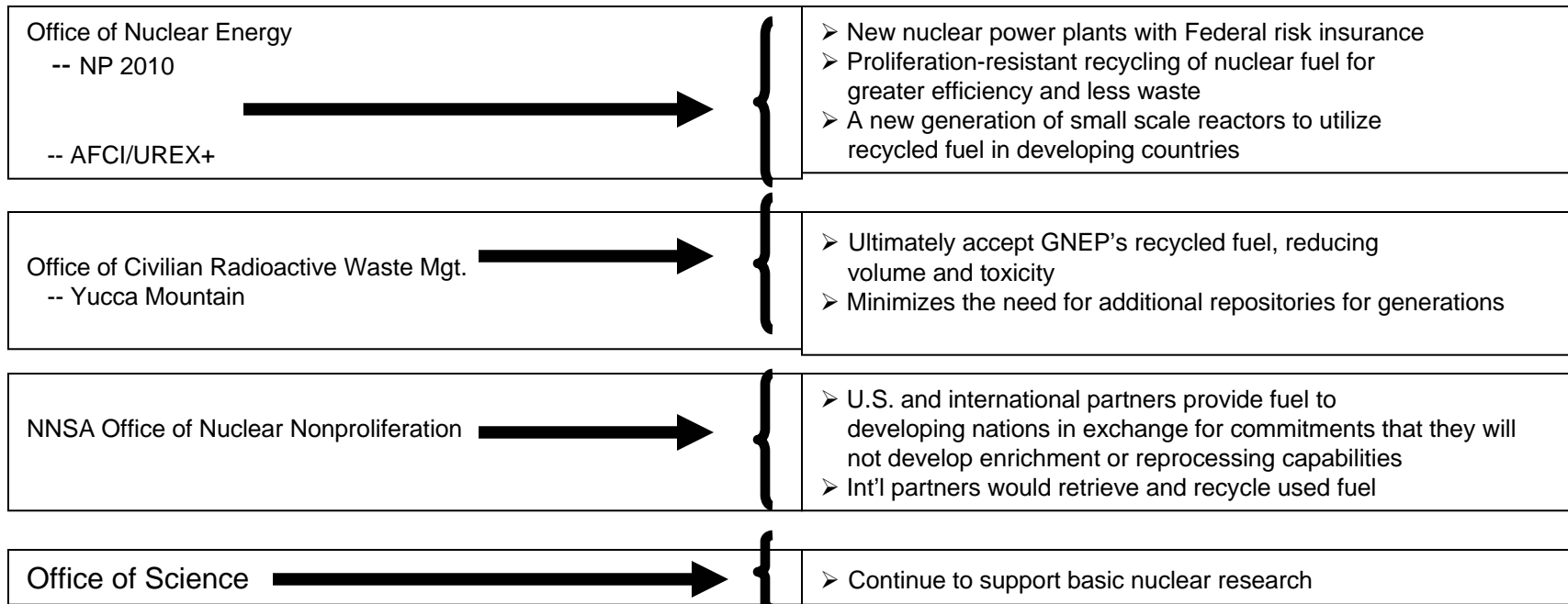
# Global Nuclear Energy Partnership

## Challenges

- Rapidly growing U.S. and international energy demands
- Reliance on imported fossil fuels
- Few technologies provide clean, reliable baseload electricity—only nuclear power
- Nuclear proliferation and terrorist threats

### DOE Programs

### GNEP Vision





# Honoring our Commitments

- Weapons Activities, \$6.4B (+\$38M) – Fulfills DOD requirements and is in line with the President's Nuclear Posture Review
- Defense Nuclear Nonproliferation, \$1.7B (+\$111M) – Accelerates efforts to secure nuclear material in the Former Soviet Union
- Environmental Management, \$5.8B (-\$762M) – Closing sites/completing cleanup
- Civilian Radioactive Waste Management, \$545M (+\$50M) – Overcomes impediments through a new simplified approach and planned legislation
- Legacy Management, \$201M (+\$123M) – Ensuring continuity of pension and medical benefit payments to former contractor employees at completed cleanup sites





# Managing for Excellence

- The President's Management Agenda (PMA) has been the framework for organizing the Department's management reform efforts
- On the OMB scorecard, DOE has been consistently rated well
- DOE has achieved significant results in the following areas:
  - Better Management of Human Capital
  - Institutionalizing Multi-Year Planning and strengthening the link between program performance and resource allocation decisions
  - Better Business Practices



# The Bottom Line

	<b>FY 2005</b>	<b>FY 2006</b>	<b>FY 2007</b>
	<b>Approp.</b>	<b>Approp.</b>	<b>Request</b>
<b>DOE Budget</b>	<b>24,345</b>	<b>23,563</b>	<b>23,557</b>

(\$ in Millions)

- **Presents a balanced program and seizes opportunities in national security, energy diversification, and scientific discovery**
- **Honors commitments to national defense and employees and communities impacted by former weapons facilities**
- **Makes tough choices to terminate under-performing programs**
- **Reflects responsible stewardship of the American taxpayers' money**

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