



United States Nuclear Regulatory Commission

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*Protecting People and the Environment*

# FY 2009 Budget Press Briefing

February 4, 2008

# NRC FY 2009 Budget

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## NRC mission:

*License and regulate the Nation's civilian use of byproduct, source, and special nuclear materials to ensure adequate protection of public health and safety, promote the common defense and security, and protect the environment.*

## NRC Goals:

- (1) Safety – Ensure protection of public health and safety and the environment.
- (2) Security – Ensure the secure use and management of radioactive materials.

## Highlights:

- Proposed budget is \$1.02 billion for FY 2009, an increase of \$90.9 million over the FY 2008 enacted level.
- NRC recovers approximately 90 percent of its budget less an appropriation from the Nuclear Waste Fund and other activities which are not fee recoverable. This results in a net budget authority of \$161.5 million for FY 2009.
- Budget request reflects an increase in agency's regulatory activities, driven primarily by anticipated interest in constructing new nuclear facilities, oversight of existing reactors, and materials and waste licensing.
- Of the \$90.9 million increase requested:
  - \$10.6 million is for regulatory and support activities for new nuclear facilities.
  - \$42.9 million is for regulatory oversight of existing reactors.
  - \$8.3 million is for High-Level Waste
  - \$28.8 million is for other existing materials and waste facilities
  - \$0.3 million is for the Office of the Inspector General
- The NRC has revised its strategic plan to focus on outcomes and the two strategic goals of Safety and Security.

# Source of Funds

(Dollars in Millions)

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	<u>FY 2008</u>	<u>FY 2009</u>
<b>Budget Authority</b>	<b>\$926.1</b>	<b>\$1,017.0</b>
<b>Offsetting Fees</b>	<u><b>779.1</b></u>	<u><b>855.5</b></u>
<b>Net Appropriations</b>	<b>\$147.0</b>	<b>\$161.5</b>

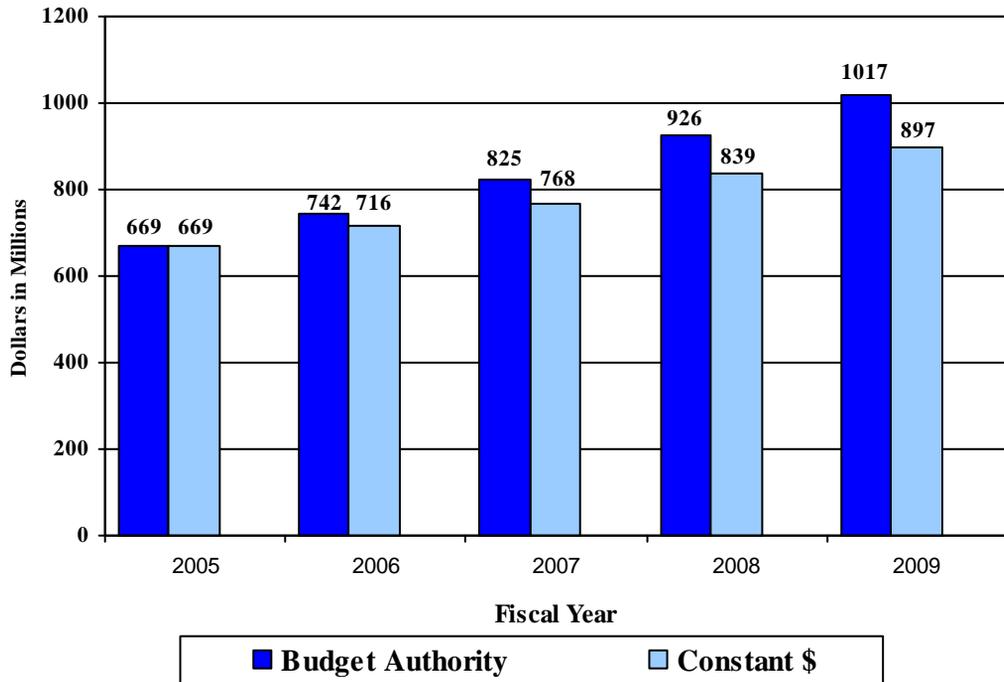
## Breakout of Net Appropriations

(Dollars in Thousands)

	<u>FY 2008</u>	<u>FY 2009</u>
Nuclear Waste Fund	\$29,000	\$37,300
Homeland Security (Off Fee Base)	29,400	27,100
WIR (Off Fee Base)	2,000	2,000
General Fund – Other (Off Fee Base)	85,700	94,100
Sub-Total	146,100	160,600
OIG	<u>900</u>	<u>900</u>
Total Net Appropriations	\$147,000	\$161,500

# NRC Budget Summary

## (Dollars in Millions)



\* Based on inflation rates as identified in OMB Circulars and Budget Reviews

	<u>FY 2008</u>	<u>FY 2009</u>
<b>Nuclear Reactor Safety</b>	<b>\$740.6</b>	<b>\$ 786.6</b>
<b>Nuclear Materials and Waste Safety</b>	<b>147.7</b>	<b>184.0</b>
<b>High-Level Waste Repository</b>	<b>29.0</b>	<b>37.3</b>
<b>Inspector General</b>	<u><b>8.7</b></u>	<u><b>9.0</b></u>
<b>*Total</b>	<b>\$926.1</b>	<b>\$1,017.0</b>

\* Numbers may not add due to rounding.

# Nuclear Reactor Safety

## (Dollars in Millions)

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	<u>FY 2008</u>	<u>FY 2009</u>
<b>New Reactors</b>	<b>\$234.4</b>	<b>\$237.5</b>
<b>Licensing Tasks</b>	<b>213.5</b>	<b>225.5</b>
<b>License Renewal</b>	<b>22.5</b>	<b>33.3</b>
<b>International Activities</b>	<b>11.2</b>	<b>11.3</b>
<b>Reactor Oversight</b>	<b>239.3</b>	<b>255.4</b>
<b>Incident Response</b>	<b>19.6</b>	<b>23.6</b>
<b>*Total</b>	<b>\$740.6</b>	<b>\$786.6</b>

\* Numbers may not add due to rounding.

- **New Reactors:**
  - Perform acceptance reviews and start licensing reviews on seven COLs and continue the licensing review of 14 COLs expected in FY 2008;
  - Reactivation of the license review and inspection activities for Watts Bar Unit 2, located in southeastern Tennessee; and
  - Complete the review of one design certification and continue to review three other design certification applications.
  
- Regulate the existing 104 commercial nuclear power reactors and 33 non-power reactors:
  - Screen and evaluate approximately 3,000 reports on events at power reactors;
  - Complete 1,150 licensing actions, including five power uprates and 17 anticipated NFPA Standard 805 reviews;
  - Conduct 12 rulemaking activities;
  - Conduct research to resolve safety issues and support rulemakings; and
  - Conduct safety and security inspections.
  
- Review five license renewal applications



# Nuclear Materials and Waste Safety

(Dollars in Millions)

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	<u>FY 2008</u>	<u>FY 2009</u>
<b>Fuel Facilities</b>	<b>\$35.0</b>	<b>\$48.5</b>
<b>Nuclear Material Users</b>	<b>57.4</b>	<b>74.3</b>
<b>Decommissioning and Low-Level Waste</b>	<b>28.2</b>	<b>35.3</b>
<b>Spent Fuel Storage and Transportation</b>	<b>27.2</b>	<b>25.9</b>
<b>High-Level Waste Repository</b>	<b>29.0</b>	<b>37.3</b>
<b>Total</b>	<b>\$176.8</b>	<b>\$221.3</b>

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- Regulate through licensing and inspection, 20 fuel cycle facilities.
- Supports National Materials Program for approximately 4,400 NRC nuclear materials licensees, and over 17,800 licensees in 34 Agreement States.
- Implements the Energy Policy Act of 2005 including provisions which expand the NRC's regulatory authority.
- Implement national registry of radioactive sources of concern to improve control of radioactive materials.
- Support NRC's statutory responsibilities regarding the potential DOE application for a waste repository. Agency expects to receive a HLW application during FY 2008.
- Supports the licensing, certification, and inspection of interim storage of spent fuel from commercial nuclear reactors, and the domestic and international transportation of radioactive materials.

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# BACKGROUND MATERIALS

# Expected New Nuclear Power Plant Applications

Company	Design Type	Site Under Consideration	Number Of Units	State	Existing Plants
<b>Fiscal Year 2008 Applications</b>					
Duke	AP1000	*William Lee Nuclear Station	2	SC	N
NuStart Energy	AP1000	* Bellefonte	2	AL	N
Progress Energy	AP1000	Harris	2	NC	Y
Dominion	ESBWR	*North Anna	1	VA	Y
NuStart Entergy	ESBWR	Grand Gulf	1	MS	Y
South Carolina Electric & Gas	AP1000	Summer	2	SC	Y
NRG Energy	ABWR	*South Texas Project	2	TX	Y
UNISTAR	EPR	Calvert Cliffs	1	MD	Y
Progress Energy	AP1000	Levy County	2	FL	N
Ameren UE	EPR	Callaway	1	MO	Y
Southern Nuclear Operating Co.	AP-1000	Vogtle	2	GA	Y
Entergy	ESBWR	River Bend	1	LA	Y
PPL Generation	EPR	Berwick	1	PA	N
TXU Power	APWR	Comanche Peak	2	TX	Y
<b>FY 2008 TOTAL</b>		<b>14</b>	<b>22</b>		
<b>Fiscal Year 2009 Applications</b>					
Amarillo Power	ABWR	TBD	2	TX	UKN
Alternate Holdings	EPR	Bruneau	1	ID	N
UNISTAR	EPR	Nine Mile Point	1	NY	Y
Exelon	ESBWR	Victoria County	2	TX	N
Florida Power & Light	AP1000	Turkey Point	2	FL	Y
Detroit Edison	TBD	Fermi	1	MI	Y
Unannounced Site	TBD		1		
<b>FY 2009 TOTAL</b>		<b>7</b>	<b>10</b>		
<b>Total Number of Applications and Units</b>		<b>21</b>	<b>32</b>		

\*Application received