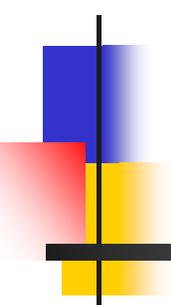


# U.S. NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

*Protecting People and the Environment*



FY 2008 Budget Press Briefing

February 5, 2007

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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 Budget Summary

## (Dollars in Millions)

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	<u>FY 2007*</u>	<u>FY 2008</u>
Nuclear Reactor Safety	\$601.9	\$709.0
Nuclear Materials and Waste Safety	211.4	199.4
Inspector General	<u>8.3</u>	<u>8.1</u>
Total	\$821.6	\$916.6

\* Based on Revised Continuing Appropriations Resolution, 2007 (H.J. Res 20) as passed by the House of Representatives.

# Nuclear Reactor Safety

## (Dollars in Millions)

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	<u>FY 2007*</u>	<u>FY 2008</u>
New Reactors	\$132.7	\$216.9
Reactor Licensing and Rulemaking	242.4	245.7
Reactor Oversight and Incident Response	226.8	246.4
<b>Total</b>	<b>\$601.9</b>	<b>\$709.0</b>

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- New Reactors:
  - Review 12 of the 17 combined construction and operating license (COL) applications expected to arrive at the NRC in FY 2008;
  - Review three early site permit applications;
  - Review two standard design certification applications;
  - Perform pre-application review activities for multiple COL applications;
  - Develop the reactor construction inspection program;
  - Update the agency's regulatory infrastructure and develop analytical tools, data, and expertise applicable to a broader range of reactor designs.
- Regulate the existing 104 commercial nuclear power reactors and 35 non-power reactors:
  - Complete safety and security licensing and rulemaking activities;
  - Conduct research to resolve safety issues and support rulemakings;
  - Conduct safety and security inspections; and
  - Conduct force-on-force exercises.
- Review up to twelve reactor license renewal applications annually.

\* Based on Revised Continuing Appropriations Resolution, 2007 (H.J. Res 20) as passed by the House of Representatives.

# Nuclear Materials and Waste Safety

## (Dollars in Millions)

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	<u>FY 2007*</u>	<u>FY 2008</u>
Fuel Facilities	\$35.6	\$34.3
Nuclear Material Users	76.4	71.8
High-Level Waste Repository	45.7	37.3
Decommissioning and Low-Level Waste	27.9	27.8
Spent Fuel Storage and Transportation	25.8	28.2
<b>Total</b>	<b>\$211.4</b>	<b>\$199.4</b>

- Regulate through licensing and inspection, 21 fuel cycle facilities.
- Supports National Materials Program for approximately 4,350 NRC nuclear materials licensees, and over 20,000 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.
- Conduct pre-licensing application activities for the Department of Energy's (DOE) high-level waste repository program. Based on the DOE application being ready for submission to the NRC in 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.

\* Based on Revised Continuing Appropriations Resolution, 2007 (H.J. Res 20) as passed by the House of Representatives.

# Source of Funds

(Dollars in Millions)

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	<u>FY 2007*</u>	<u>FY 2008</u>
Budget Authority	\$821.6	\$916.6
Offsetting Fees	<u>666.5</u>	<u>765.1</u>
Net Appropriations	\$155.1	\$151.5

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\* Based on Revised Continuing Appropriations Resolution, 2007 (H.J. Res 20) as passed by the House of Representatives.

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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 Energy	ESBWR	Grand Gulf (1)	1	MS	Y
Amarillo Power	ABWR	TBD (2)	2	TX	UKN
South Carolina Electric & Gas	AP1000	Summer (2)	2	SC	Y
NRG Energy	ABWR	South Texas Project (2)	2	TX	Y
UNISTAR	EPR	Calvert Cliffs (1)	1	MD	Y
Progress Energy	AP1000	TBD (2)	2	FL	N
Southern Nuclear Operating Co.	AP-1000	Vogtle (2)	2	GA	Y
Entergy	ESBWR	River Bend (1)	1	LA	Y
UNISTAR	EPR	TBD (1)	1	TBD	UKN
UNISTAR	EPR	TBD (1)	1	TBD	UKN
UNISTAR	EPR	TBD (1)	1	TBD	UKN
UNISTAR	EPR	Nine Mile Point (1)	1	NY	Y
Unannounced Applicant	TBD	TBD (1)	1	TBD	UNK
<b>FY 2008 TOTAL</b>		<b>17</b>	<b>25</b>		
<b>Fiscal Year 2009 Applications</b>					
TXU Power	TBD	TBD	2	TX	UKN
Exelon	TBD	TBD	1	TBD	UNK
Florida Power & Light	TBD	TBD	1	UNK	UNK
<b>FY 2009 TOTAL</b>		<b>3</b>	<b>4</b>		
<b>Total Number of Applications and Units</b>		<b>20</b>	<b>29</b>		