

Recent Developments in the Nuclear Energy Program

NERAC Fall 2002 Meeting



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Major Program Developments

- ◆ **June 2002:** Department selects three U.S. electric utilities (Dominion Energy, Entergy, and Exelon) to participate in joint government/ industry projects to demonstrate NRC's Early Site Permit (ESP) process and seek NRC approval by mid-decade
- ◆ **July 2002:** Secretary Abraham announces transition of management of the Idaho National Engineering and Environmental Laboratory to Nuclear Energy and revitalization of its nuclear R&D mission
- ◆ **September 2002:** *Generation IV International Forum* reaches agreement on six advanced reactor and fuel cycle technologies for joint development



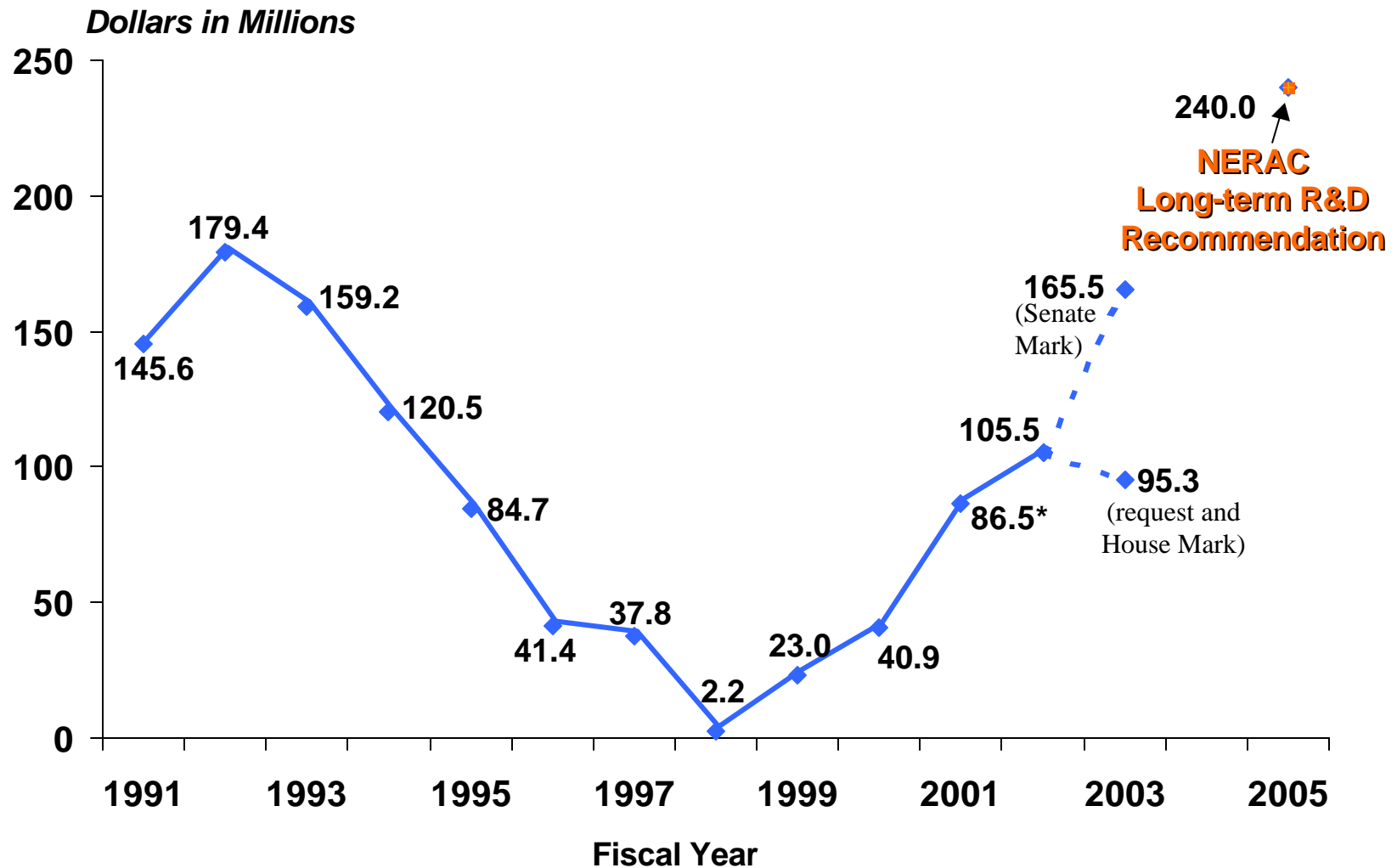
Continued Evolution of Nuclear Energy Budget

(\$ in Thousands)

	FY 2002 Adjusted <u>Approp.</u>	FY 2003 <u>Request</u>	FY 2003 House <u>Mark</u>	FY 2003 Senate <u>Mark</u>
University Program	\$ 17,500	\$ 17,500	\$ 17,500	\$19,500
NEPO	6,293	0	5,000	5,000
NERI	31,081	25,000	25,000	29,000
NET	11,867	46,500	41,500	48,500
ANMI	2,500	0	0	0
FFTF	36,439	36,100	0	36,100
Advanced Fuel Cycle Initiative	77,219	18,221	18,221	77,370
Radiological Facilities Management	86,632	83,038	83,038	92,699
Program Direction	23,378	24,300	23,439	23,439
Adjustments	<u>-818</u>	<u>0</u>	<u>0</u>	<u>-8,000</u>
TOTAL	\$292,091	\$250,659	\$213,698	\$323,608



Research & Development Budget History



*Does not include \$34 million of funding for the APT budget which was funded by DP in FY 2001.



Major Secretarial Speeches on Nuclear Energy

February 14, 2002: *Global Nuclear Energy Summit, The Cosmos Club*
Washington, D.C.

July 15, 2002: *Idaho National Engineering and Environmental Laboratory*
Idaho Falls, Idaho

August 5, 2002: *World Nuclear Association Luncheon*
London, England

September 16, 2002: *International Atomic Energy Agency, 46th General Conference*
Vienna, Austria

September 20, 2002: *Generation IV International Forum*
Tokyo Japan





NOT USED



Idaho Nuclear R&D Infrastructure Review

- ◆ **Secretary Abraham directed NE to launch a 90-day review of the nuclear energy infrastructure and capabilities at Idaho**
- ◆ **Review is an update to the *1998 Nuclear Science and Technology Infrastructure Roadmap***
- ◆ **DOE requests formation of a NERAC task force that includes representation from the research community, industry, and at least one member from the 1998 review**
- ◆ **Effort to result in preparation of an initial report by the end of the year**