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November 18, 2003

Policy Brief..... Conference Report for H.R. 2754 -- FY 2004 Energy & Water Appropriations

BY THE NUMBERS:

Budget Authority in Millions of Dollars

	FY '03 Enacted	FY '04 Request	FY '04 House	FY '04 Senate	FY '04 Conf. Rpt
Appropriations	25,856	26,801	27,080	27,380	27,328
Supplemental Spending	300	0	0	0	0

Excluding the Supplemental Spending included in the Iraq War Supplemental, the Conference Report is:

- **\$1,472 million or 5.7% more than last year;**
- **\$527 million or 2% more than the request;**
- **\$248 million or 0.9% more than the House-passed bill; and**
- **\$52 million or 0.2% below the Senate-passed bill.**

The bill exceeds the 302(b) allocations currently on file for the House by \$248 million. In order to comply with the Budget Resolution these excess funds must be offset by reductions in other bills. **According to RSC calculations, the seven remaining Appropriations bills will have to be reduced by a total of \$218 million from the House-passed levels in order to comply with the Budget Resolution.**

FUNDING SUMMARIES:

Dollars in Thousands

	FY 2003 Enacted	FY 2004 Request	FY 2004 House	FY 2004 Conf Rpt	Conf Vs. FY 2003	Conf Vs. Request	Conf Vs. House
Corps of Engineers							
General Investigations.....	134,141	100,000	117,788	116,949	-12.82%	16.95%	-0.71%
Construction.....	1,744,598	1,350,000	1,642,911	1,722,319	-1.28%	27.58%	4.83%
Flood Control - MS River & Tributaries.....	342,334	280,000	301,054	324,222	-5.29%	15.79%	7.70%
Operations & Maintenance.....	1,927,556	1,939,000	1,932,575	1,967,925	2.09%	1.49%	1.83%
Regulatory Programs.....	138,096	144,000	144,000	140,000	1.38%	-2.78%	-2.78%
Cleanup of Former Nuclear Sites.....	144,057	140,000	140,000	140,000	-2.82%	0.00%	0.00%
Flood Control & Coastal Emergencies....	14,902	70,000	40,000	0	-100.00%	-100.00%	-100.00%
General Expenses.....	154,143	171,000	164,000	160,000	3.80%	-6.43%	-2.44%
Total, Corps of Engineers.....	4,599,827	4,194,000	4,482,328	4,571,415	-0.62%	9.00%	1.99%
<i>Operations & Maint -Supplemental.....</i>	<i>39,000</i>						

	FY 2003 Enacted	FY 2004 Request	FY 2004 Cmte	FY 2004 Conf Rpt	Conf Vs. FY 2003	Conf Vs. Request	Conf Vs. House
Dept of Interior							
Central Utah Project.....	35,992	44,191	38,191	38,191	6.11%	-13.58%	0.00%
Water and Related Resources.....	808,203	771,217	817,913	857,498	6.10%	11.19%	4.84%
Loan Program.....	0	200	200	200		0.00%	0.00%
Central Valley Project.....	48,586	39,600	39,600	39,600	-18.50%	0.00%	0.00%
California Bay-Delta Restoration.....	0	15,000	0	0		-100.00%	
Policy & Administration.....	54,513	56,525	56,525	55,525	1.86%	-1.77%	-1.77%
Working Capital Fund.....	0	-4,525	-4,525	-4,525		0.00%	0.00%
Total, Dept of Interior.....	947,294	922,208	947,904	986,489	4.14%	6.97%	4.07%
<i>Water & Related Res. Supplemental.....</i>	<i>25,000</i>						

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	FY 2003 Enacted	FY 2004 Request	FY 2004 Cmte	FY 2004 Conf Rpt	Conf Vs. FY 2003	Conf Vs. Request	Conf Vs. House
Dept of Energy							
Energy Supply.....	696,858	748,329	691,534	737,537	5.84%	-1.44%	6.65%
Non-Defense Site Acceleration.....	0	170,875	170,875	163,375		-4.39%	-4.39%
Non-Defense Environmental Mgmt.....	213,624	0	0	0	-100.00%		
Uranium Enrichment Decontam	0	418,124	392,002	416,484		-0.39%	6.25%
Non-Defense Environmental Services....	0	292,121	320,468	339,468		16.21%	5.93%
Uranium Facilities Maintenance.....	453,409	0	0	0	-100.00%		
Science.....	3,261,328	3,310,935	3,480,180	3,451,700	5.84%	4.25%	-0.82%
Nuclear Waste Disposal.....	144,058	161,000	335,000	19,000	-86.81%	-88.20%	-94.33%
Departmental Administration.....	205,280	326,306	224,329	216,553	5.49%	-33.63%	-3.47%
Miscellaneous Revenues.....	-120,000	-146,668	-123,000	-123,000	2.50%	-16.14%	0.00%
Inspector General.....	37,426	39,462	39,462	39,462	5.44%	0.00%	0.00%
National Nuclear Security Admin.....	7,962,567	8,834,575	8,508,184	8,706,503	9.34%	-1.45%	2.33%
Defense Environmental Mgmt.....	5,428,806	0	0	0	-100.00%		
Defense Facilities Closure Projects.....	1,130,915	0	0	0	-100.00%		
Defense Site Acceleration Completion....	0	5,814,635	5,758,278	5,651,062		-2.81%	-1.86%
Def EnviroMgmt Privatization.....	157,369	0	0	-15,329	-109.74%		
Defense Environmental Services.....	0	995,179	990,179	991,144		-0.41%	0.10%
Other Defense Activities.....	511,659	636,154	666,516	674,491	31.82%	6.03%	1.20%
Defense Nuclear Waste Disposal.....	312,952	430,000	430,000	390,000	24.62%	-9.30%	-9.30%
Cerro Grande Fire Activities.....	0	-75,000	-75,000	0		-100.00%	-100.00%
Power Marketing Administrations.....	202,181	207,340	207,340	214,290	5.99%	3.35%	3.35%
Fed Energy Regulatory Commission.....	192,000	199,400	192,000	204,400	6.46%	2.51%	6.46%
FERC Revenues.....	-192,000	-199,400	-192,000	-204,400	6.46%	2.51%	6.46%
Total, Dept of Energy.....	20,598,432	22,163,367	22,016,347	22,043,720	7.02%	-0.54%	0.12%
<i>Science Supplemental.....</i>	<i>11,000</i>						
<i>Nat Nuclear Sec Admin Supplemental...</i>	<i>215,000</i>						
<i>Def Enviro Restor Supplemental.....</i>	<i>6,000</i>						
<i>Other Def Activities Supplemental.....</i>	<i>4,000</i>						

	FY 2003 Enacted	FY 2004 Request	FY 2004 Cmte	FY 2004 Conf Rpt	Conf Vs. FY 2003	Conf Vs. Request	Conf Vs. House
Independent Agencies							
Appalachian Regional Commission.....	70,827	33,145	33,145	66,000	-6.82%	99.13%	99.13%
Def Nuclear Facilities Safety Board.....	18,876	19,559	19,559	19,559	3.62%	0.00%	0.00%
Delta Regional Authority.....	7,948	2,000	2,000	5,000	-37.09%	150.00%	150.00%
Denali Commission.....	47,688	9,500	0	55,000	15.33%	478.95%	
Nuclear Regulatory Commission.....	577,806	618,800	618,800	618,800	7.09%	0.00%	0.00%
NRC Revenues.....	-520,087	-538,844	-538,844	-538,844	3.61%	0.00%	0.00%
Inspector General.....	6,797	7,300	7,300	7,300	7.40%	0.00%	0.00%
IG Revenues.....	-6,392	-6,716	-6,716	-6,716	5.07%	0.00%	0.00%
Nuclear Waste Technical Review Board.....	3,179	3,177	3,177	3,177	-0.06%	0.00%	0.00%
Total, Independent Agencies.....	206,642	147,921	138,421	229,276	10.95%	55.00%	65.64%

LEGISLATIVE LANGUAGE OF NOTE:

The Conference Report contains numerous authorizing provisions for specific projects. These provisions were mainly included in the Senate bill or added in the Conference. While the provisions mainly relate to water projects, other items are included, such as directing that up to \$3 million be spent to construct, furnish, and landscape the new Snake River Confluence Interpretative Center in Clarkston, Washington.

The Conference Report also includes language directing the Secretary of the Interior to provide \$133,000 to “Families in Search of the Truth, Fallon, Nevada” for “the purchase of bottled water and costs associated with providing such water to schoolchildren in Fallon-area schools. Under the same section of the Conference Report, the Secretary is directed to provide \$1 million to the University of Nevada, Reno’s Biodiversity initiative for public education concerning the restoration of Lake Walker.

The bill includes language designating a lock and dam on the Allegheny River in Pennsylvania as the “C.W. Bill Young Lock and Dam.”

The bill requires the use of competitive procedures for management and operating contracts at the Department of Energy which were awarded non-competitively over 50 years ago.

EARMARKS:

The Joint Explanatory Statement accompanying the Conference Report earmarks funding for hundreds of specific recipients, particularly with respect to programs funded by the Energy Department, including:

- \$3,000,000 for the Consortium for Plant Biotechnology Research (CPBR), of which \$750,000 is for CPBR research in Ohio and \$1,000,000 is for CPBR research at the University of Kentucky;
- \$1,000,000 for the E-Diesel research project by the National Corn Growers Association;
- \$1,000,000 for the Iowa State University Center for Catalysis;
- \$1,000,000 for work on biobased products by the New Uses Information and Entrepreneur Development Center in Belvidere, Illinois;
- \$300,000 for the University of Louisville Ethanol Production from Biomass large-scale facility design project;
- \$2,000,000 for the development of sustainable biobased products and bioenergy at Purdue University in cooperation with the Midwest Consortium for Sustainable Biobased Products and Bioenergy;
- \$3,000,000 for continued work on the Gridley Rice Straw Project;
- \$1,000,000 for the McMinnville Biodiesel Project;
- \$960,000 for the Mount Mass CC Bio Wood Gasification Project;
- \$200,000 for the North Central Texas Dairy Waste Control Pilot Project;

- \$1,000,000 for the Mississippi State Biodiesel Production Project;
- \$1,000,000 for Maine Forest Bioproducts research and development;
- \$1,000,000 for the University of Tennessee Switchgrass Demonstration Project;
- \$250,000 for clean energy from the gasification of switchgrass at Iowa State University;
- \$300,000 for the Missouri Soybean Association biodiesel demonstration;
- \$500,000 for research in Nebraska on improved soybean oil for biodiesel fuel;
- \$2,000,000 for the Regional Biomass Energy Program;
- \$750,000 for the On-Farm Small Scale Waste Energy Demonstration Project;
- \$1,000,000 for the Oxydiesel demonstration program in California and Nevada;
- \$500,000 for a biorefinery at the Louisiana State University Agricultural Center;
- \$500,000 for the Center for Biomass Utilization at the University of North Dakota;
- \$400,000 for the Vermont Biomass Energy Center;
- \$250,000 for the biomass/cogeneration project at North Country Hospital;
- \$500,000 for the gasification of switchgrass at the University of Iowa;
- \$1,000,000 for the Ag-Based Industrial Lubricants Center at the University of Northern Iowa;
- \$2,000,000 for the Michigan Biotechnology Initiative;
- \$1,000,000 for the Full Circle Project in Lake County, California;
- \$1,000,000 for geothermal research at the University of Nevada-Reno;
- \$1,000,000 for the Lansing Community College Alternative Energy Center;
- \$3,000,000 for the Edison Materials Technology Center to develop improved materials to support the hydrogen economy;
- \$3,000,000 for the National Center for Manufacturing Sciences to develop advanced manufacturing technologies for renewable energy applications;
- \$2,000,000 for the HI-Way Initiative in New York State;
- \$1,000,000 for the Shared Technology Transfer Program by Nicholls State University;
- \$2,000,000 for the Florida Hydrogen Partnership;
- \$2,000,000 for fuel cell research by the University of South Florida;
- \$2,000,000 for fuel cell development for distributed generation and carbon sequestration in Northwest Indiana;
- \$3,000,000 for the Hydrogen Regional Infrastructure Program in Pennsylvania;
- \$955,000 for the Evermont hydrogen electrolyzer project;
- \$300,000 for the residential fuel cell demonstration by the Delaware County Electric Cooperative;
- \$2,200,000 for the Expanding Clean Energy Research and Education Program at the University of South Carolina;
- \$750,000 for the Hydrogen Futures Park at the University of Montana;
- \$2,000,000 for the Fuel Cell Mine Loader and Prototype Locomotive;
- \$3,000,000 for the evaluation of solar-powered thermo-chemical production of hydrogen from water at the University of Nevada-Las Vegas;
- \$3,000,000 for the University of Nevada-Las Vegas renewable hydrogen fueling station system;
- \$500,000 for the Startech Hydrogen Production Project;

- \$2,000,000 for the hydrogen fuel cell project for the Regional Transportation Commission of Washoe County, Nevada;
- \$500,000 for the Hawaii Hydrogen Center for Development and Deployment of Distributed Energy Systems;
- \$500,000 for the Smart Energy Management Control System;
- \$400,000 for the Center for Ecological Technology;
- \$500,000 for the Hackensack University Green Building Medical Center;
- \$147,000 for a wind farm feasibility study by Saint Francis University;
- \$300,000 for the Saginaw Chippewa Wind Energy Development Project;
- \$500,000 for the Vermont Wind Energy Program;
- \$1,000,000 to continue the ongoing wind turbine effort in Bellevue, Washington;
- \$1,000,000 for a joint research program between Wright State University and the University of Albany, in collaboration with Wright Patterson Air Force Base, to enhance the performance of second-generation, high temperature coated superconductors;
- \$2,000,000 for the PowerGrid simulator at Drexel University and the New Jersey Institute of Technology;
- \$500,000 for the Center for Distributed Generation and Thermal Distribution at Washington State University;
- \$1,000,000 for electricity transmission research at the University of Missouri-Rolla;
- \$300,000 for research at the Georgia Institute of Technology on the use of recycled carpet as fuel for kilns;
- \$1,000,000 for distributed generation projects in Northwest Indiana;
- \$2,000,000 for the Connecticut Power Technologies project;
- \$3,000,000 for the Electric Infrastructure Technology, Training, and Assessment Program in Pennsylvania;
- \$1,000,000 for the Indian Point Energy Center Study in New York;
- \$2,000,000 for the University of Nevada-Las Vegas Research Foundation to continue the development, in partnership with industry and national laboratories, of an efficient high temperature heat exchanger;
- \$250,000 for surgical robotics research at the Keck Cancer Center with the Cleveland Clinic;
- \$250,000 for the Genomics Laboratory at SUNY-Oneonta;
- \$750,000 for the San Antonio Cancer Therapy and Research Center;
- \$250,000 for the University of South Alabama Cancer Center;
- \$250,000 for the University of South Carolina study of groundwater contamination;
- \$750,000 for the Jacksonville University Environmental Science Center;
- \$750,000 for the St. Joseph Hospital technology upgrade in California;
- \$250,000 for green power technology development at Grand Valley State University;
- \$750,000 to upgrade the Drew University Hall of Science in New Jersey;
- \$750,000 to upgrade the Pahrump Medical Center;
- \$750,000 to upgrade the Grover C. Dils Medical Center;
- \$7,500,000 for the Judson College library, academic and service center;
- \$500,000 for the T3 MRI for St. Jude's Children Research Hospital in Tennessee;
- \$250,000 for Ohio State University for environmental research in cooperation with Earth University;

- \$5,000,000 for the Community Improvement Corporation of Springfield-Clark County for a computing and data management center;
- \$750,000 for the Mercer University Critical Personnel Development Program;
- \$750,000 for the Michigan Research Institute life sciences research;
- \$750,000 for the University of Arizona Institute for Biomedical Science and Biotechnology;
- \$250,000 for the St. Francis Medical Center Rapid Treatment Unit in Illinois;
- \$300,000 for the Boulder City Hospital Emergency Room Expansion;
- \$750,000 for the National Childhood Cancer Foundation;
- \$750,000 for functional genomics research by the University of Kentucky and the University of Alabama;
- \$750,000 for the Rensselaer Polytech Center for Quantitative Bioscience;
- \$750,000 for the Western Carolinas Biotechnology Initiative;
- \$750,000 for the Vanguard University Science Center;
- \$750,000 for the Syracuse University Environmental Systems Center;
- \$750,000 for the University of Tennessee Climate Change Research Initiative;
- \$300,000 for the Eckerd College Science Center;
- \$500,000 for the Biomedical Engineering Laboratory at the Center for Biomedical Engineering in Louisiana;
- \$150,000 for the Derby Center for Science and Mathematics at Lyon College;
- \$500,000 for the Experimental Medicine Program at the Dana Farber Cancer Institute;
- \$500,000 for the Clafin University Science Center;
- \$500,000 for the Life Sciences Facility, Tennessee State University;
- \$1,000,000 for the Rush-Presbyterian-St. Luke's Medical Center;
- \$1,000,000 for the Carnegie Mellon University Green Chemistry Project;
- \$500,000 for the College of Mount St. Vincent Science Hall;
- \$500,000 for the Urban Education Research Center in Pennsylvania;
- \$500,000 for genomics research at Indiana University;
- \$1,000,000 for the Illinois Museum of Science and Industry;
- \$1,000,000 for the Georgia State University Science Research & Teaching Lab;
- \$1,000,000 for the Northwestern University Institute of Bioengineering and Nanoscience in Medicine;
- \$500,000 for the Nuclear Resonance Mass Spectrometer at the University of Massachusetts Medical School;
- \$500,000 for St. Joseph Hospital in Arizona;
- \$500,000 for Comparative Functional Genomics at New York University;
- \$1,000,000 for Augsburg College;
- \$1,000,000 for the Bronx Community Center for Sustainable Energy;
- \$1,000,000 for the Carolinas Medical Center;
- \$1,000,000 for the Michigan Technology Center for Nanostructure and Light Weight Materials;
- \$500,000 for the Tri-State University Technology Center;
- \$2,000,000 for the Notre Dame Multi-Discipline Engineering Center;
- \$1,000,000 for the University of Southern California Center for Excellence in Neurogenetics;
- \$10,000,000 for the Mental Illness and Neuroscience Discovery Institute;

- \$2,000,000 for the University of New Mexico medical building;
- \$2,500,000 for the University of Northern Iowa building design and engineering;
- \$500,000 for the University of Dubuque Environmental Science Center;
- \$750,000 for the University of Missouri Cancer Center;
- \$1,000,000 for the Earth University Foundation in Georgia;
- \$750,000 for material research for energy security in Idaho;
- \$750,000 for advanced bioreactor technology development in Montana;
- \$1,000,000 for the CHP project at Mississippi State University;
- \$1,000,000 for the University of Alabama-Huntsville Climate Action Project;
- \$500,000 for the Hackensack medical building in New Jersey;
- \$750,000 for the Middletown Regional Hospital in Ohio;
- \$1,000,000 for Clean Energy Research at the University of Delaware;
- \$500,000 for the Center for Advanced Research in Texas;
- \$750,000 for the Swedish American Regional Cancer Center;
- \$250,000 for the Cancer Center at Edward Hospital;
- \$500,000 for the Morgan State University Center for Environmental Toxicology;
- \$1,000,000 for Digitalization of the Cardiac Cath Lab at the University Medical Center of Southern Nevada;
- \$1,000,000 for Mega Voltage Cargo Imaging Development Applications for the Nevada Test Site;
- \$1,000,000 for the Nevada Cancer Institute;
- \$1,500,000 for a Structural Biology Research Center at the Hauptman-Woodward Medical Research Institute;
- \$2,000,000 for the University of Buffalo Center of Excellence in Bioinformatics;
- \$1,000,000 for the Huntsman Cancer Institute;
- \$250,000 for the St. Francis Hospital Emergency Services Department;
- \$300,000 for the Christiana Comprehensive Cancer Initiative;
- \$500,000 for the University of Massachusetts at Boston Multidisciplinary Research Facility and Library;
- \$400,000 for the Robert Wood Johnson University Hospital;
- \$100,000 for the Hackensack University Medical Center;
- \$1,000,000 for the Coastal Research Center at the Medical University of South Carolina;
- \$500,000 for the Mary Bird Perkins Cancer Center;
- \$750,000 for the Tahoe Center for Environmental Sciences;
- \$500,000 for Adventist Health Care;
- \$1,000,000 for the Environmental Control and Life Support Project;
- \$1,000,000 for the Southern California Water Education Center;
- \$1,000,000 for the University of Nevada-Reno to conduct nuclear waste repository research in the areas of materials evaluation, fundamental studies on degradation mechanisms, alternate materials and design, and computational and analytical modeling;
- \$1,000,000 for the Research Foundation at the University of Nevada-Las Vegas to conduct safety and risk analyses, simulation and modeling, systems planning, and operations and management to support radioactive and hazardous materials transportation;

- \$1,000,000 for the Research Foundation at the University of Nevada-Las Vegas to assess earthquake hazards and seismic risk in Southern Nevada;
 - \$1,000,000 for the University of Nevada-Reno to expand the earthquake engineering and simulation facility;
 - \$100,000 for the Space Grant Consortium at the Desert Research Institute;
 - \$2,500,000 for the University of South Florida Center for Biological Defense;
 - \$1,000,000 for the George Mason University Center for Biodefense; and
 - \$1,000,000 for SUNY-Binghamton Advanced Sensor Design and Threat Detection.
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