

State cost shares for those cleanup activities; submits that proposed agreement to the House and Senate Committees on Appropriations; and provides a written certification that the Federal activities proposed in that agreement will be in full compliance with all relevant Federal statutes, including the West Valley Demonstration Project Act of 1980 and the Nuclear Waste Policy Act of 1982, as amended, and are in the best interest of the Federal government. The Committees do not require the Secretary to submit a fully executed final agreement, but rather a draft agreement sufficiently complete to demonstrate that all principal issues in dispute have been resolved.

Excess facilities.—The conference agreement provides \$3,500,000, an increase of \$2,119,000 over the budget request, for excess facilities to begin actual decontamination and decommissioning of excess facilities owned by the environmental management program.

URANIUM FACILITIES MAINTENANCE AND REMEDIATION

The conference agreement provides \$418,425,000 for uranium activities instead of \$393,425,000 as proposed by the House and \$408,725,000 as proposed by the Senate.

Uranium Enrichment Decontamination and Decommissioning Fund.—The conference agreement includes \$299,641,000 for the uranium enrichment decontamination and decommissioning (D&D) fund. Additional funding of \$27,000,000 is provided for continued cleanup at Paducah, Kentucky, and \$30,000,000 is provided for continued cleanup at the East Tennessee Technology Park in Oak Ridge, Tennessee.

The conference agreement does not include funding recommended in this account by the Senate for uranium conversion activities. This issue is addressed in the Energy Supply appropriation account.

Other Uranium Activities.—The conference agreement provides \$123,784,000 for other uranium activities. The conferees have included the budget request of \$110,784,000 for operating expenses associated with the maintenance of facilities and inventories and pre-existing liabilities and consolidated the funding for these activities into one program.

The conference agreement provides the budget request of \$10,000,000 for Project 02-U-101, Depleted Uranium Hexafluoride Conversion Project, in Paducah, Kentucky, and Portsmouth, Ohio, and transfers this project from the uranium enrichment D&D program to other uranium activities.

The conference agreement also provides \$3,000,000 as proposed by the Senate to continue Project 96-U-201, DUF6 Cylinder Storage Yard, at Paducah, Kentucky.

Funding adjustment.—The conference agreement includes the use of \$5,000,000 of prior year unobligated and uncosted balances.

SCIENCE

The conference agreement provides \$3,233,100,000 instead of \$3,166,395,000 as proposed by the House and \$3,268,816,000 as proposed by the Senate. The conference agreement does not include

language specifying funding allocations as contained in the separate House and Senate reports. The conference agreement does not include bill language proposed by the Senate earmarking funds for specific purposes.

High energy physics.—The conference agreement provides \$716,100,000 for high energy physics, the same as the budget request. The conferees encourage strong support for university research and for research on low temperature superconductors to support high energy physics requirements. General Purpose Equipment and General Plant Projects should be funded for Office of Science laboratories at fiscal year 2001 levels. Funds provided by the Senate for a demonstration of the mass of the neutrino at the Waste Isolation Pilot Plant have been transferred to the environmental management program.

Nuclear physics.—The conference agreement provides \$360,510,000 for nuclear physics, the same as the budget request. The conferees urge the Department to use these funds to enhance operation of the Relativistic Heavy Ion Collider (RHIC) at the Brookhaven National Laboratory and the Thomas Jefferson National Accelerator Facility in Virginia.

Biological and environmental research.—The conference agreement includes \$527,405,000 for biological and environmental research. The conferees have included \$11,405,000 to complete the construction of the Laboratory for Comparative Functional Genomics at the Oak Ridge National Laboratory. The conference amount includes a total of \$18,000,000 for the low dose effects program; \$3,500,000 in additional funding for computer upgrades and capital equipment costs at the Environmental Molecular Science Laboratory; and includes funding to continue the free air carbon dioxide experiments at the fiscal year 2001 level.

The conference agreement includes \$2,600,000 for the positron emission tomography center at the University of South Alabama; \$4,000,000 for the Gulf Coast Cancer Center and Research Institute; \$2,000,000 for the University of Alabama at Birmingham center for nuclear magnetic resonance imaging; \$1,000,000 for University of South Alabama research, in cooperation with industry and the Cooperative Research Network of the National Rural Electric Cooperative Association, on a fuel cell powered home using the Smart Energy Management Control System; \$1,650,000 for the new library and regional resource learning center at Spring Hill College; \$100,000 for the South Alabama Medical Education Outreach Program; \$2,250,000 for the University of Florida Genetics Institute; \$2,700,000 for a new linear accelerator for the Baystate Medical Center; \$1,200,000 for the Cancer Institute of New Jersey; \$1,000,000 for the Institute for Molecular and Biomedical Science at the University of Arizona; \$1,000,000 for the Stanley Scott Cancer Center at Louisiana State University; \$1,000,000 for the Infotonics Center of Excellence in Rochester, New York; \$500,000 for the Joint Collaboration on Advanced Nanotechnology and Sensors with the University of New Orleans, Louisiana State University, and Louisiana Tech; \$500,000 for the Breast Cancer Program at the North Shore—Long Island Jewish Health System; \$500,000 for a functional magnetic resonance imaging machine at the University of Texas at Dallas and the University of Texas South-

western Medical Center's Center for Brain, Cognition, and Behavior; \$500,000 for the Integrated Environmental Research and Services program at Alabama A&M University; and \$500,000 for the energy efficiency initiative at the Carolinas Health Care System.

The conference agreement includes \$3,000,000 for the Multidisciplinary Research Facility at the College of Engineering, University of Notre Dame; \$500,000 for a linear accelerator for the Burbank Regional Cancer Center in Fitchburg, Massachusetts; \$500,000 for Hampshire College's National Center for Science Education; \$1,000,000 for the Audubon Biomedical Science and Technology Park at Columbia University; \$1,000,000 for the McFadden Science Center at Texas Wesleyan University; \$1,000,000 for the emergency power supply system at Cedars-Sinai Medical Center; \$1,000,000 for the Rush-Presbyterian-St. Luke's Medical Center; \$1,000,000 for a nanoscience facility at Purdue University; \$1,000,000 for the Julie and Ben Rogers Cancer Institute; \$1,000,000 for the School of Public Health at the University of South Carolina; \$1,000,000 for the continued development of the Life Sciences Building at Brown University; \$1,000,000 for environmental modeling at the University of North Carolina at Chapel Hill; \$1,000,000 to support renovation of the Science, Technology, and Engineering Research Complex at Jackson State University; and \$1,000,000 for the PowerGrid simulator at Drexel University and the New Jersey Institute of Technology.

The conference agreement includes \$7,000,000 for the positron emission tomography facility at West Virginia University; \$2,000,000 for a linear accelerator for the University Medical Center of Southern Nevada; \$250,000 for the research foundation of the University of Nevada-Las Vegas; \$200,000 for the University of Nevada-Las Vegas to continue study of the biological effects of exposure to low-level radioactivity; \$500,000 for a biomolecular nuclear magnetic resonance instrument at the Medical University of South Carolina; \$1,000,000 for the Oncology Center of the Medical University of South Carolina; \$3,000,000 for the National Center of Excellence in Photonics and Microsystems in New York; \$500,000 for the Institute of Comparative Genomics at the American Museum of Natural History; \$750,000 for the Inland Northwest Natural Resources Research Center at Gonzaga University; \$500,000 for the Hall of Paleontology at the Field Museum; \$500,000 for the Center for Catalysis at Iowa State University; \$1,000,000 for the Human Genome Project at the University of Southern California; \$500,000 for biomedical research at Creighton University; \$500,000 for the Child Health Institute of New Brunswick, New Jersey; \$500,000 for the Oregon Renewable Energy Center; \$1,000,000 for superconductor research at Boston College; \$500,000 for the Natural Energy Laboratory in Hawaii; and \$800,000 for the Rochester Institute of Technology microelectronics technology program.

The conference agreement includes \$11,000,000 for operations and capital investment at the Mental Illness and Neuroscience Discovery Institute; and \$2,000,000 for the University of Missouri-Columbia to expand the federal investment in the university's nuclear medicine and cancer research capital program.

Basic energy sciences.—The conference agreement includes \$1,003,705,000 for basic energy sciences. The conference agreement

includes the full amount of the budget request for the Spallation Neutron Source and the SPEAR 3 upgrade at the Stanford Synchrotron Radiation Laboratory. The conferees have included \$3,000,000 to initiate project engineering and design (PED) for three user facilities for nanoscale science research (Project 02-SC-002), and the budget request of \$7,685,000 for the Experimental Program to Stimulate Competitive Research (EPSCoR). For purposes of reprogramming in fiscal year 2002, the Department may reallocate funding among all operating accounts within Basic Energy Sciences.

Advanced scientific computing research.—The conference agreement includes \$158,050,000 for advanced scientific computing research (ASCR). The conferees support the use of available funds for the Scientific Discovery Through Advanced Computing (SciDAC) program and for terascale operating systems development. The conferees urge the Department to maximize the involvement of universities in the ASCR program, so that both the Department and the academic community can share in the latest technology developments in this field.

Energy research analyses.—The conference agreement includes \$1,000,000 for energy research analyses, the same amount provided by the House and the Senate.

Multiprogram energy labs—facility support.—The conference agreement includes \$30,175,000 for multi-program energy labs-facility support, the same as the budget request.

Fusion energy sciences.—The conference agreement includes \$248,495,000, as proposed by both the House and Senate, for fusion energy sciences.

Facilities and infrastructure.—The conference agreement includes \$10,000,000 for a new Facilities and Infrastructure program, as proposed by the House, to address infrastructure needs at the Department's science laboratories.

Safeguards and security.—The conference agreement includes \$55,412,000 for safeguards and security activities at laboratories and facilities managed by the Office of Science.

Program Direction.—The conference agreement includes \$139,960,000 for program direction. This amount includes \$63,000,000 for field offices, \$72,500,000 for headquarters, and \$4,460,000 for science education. The control level for fiscal year 2002 is at the program account level of program direction.

Funding adjustments.—A general reduction of \$12,800,000 has been applied to this account, as well as the security charge for reimbursable work of \$4,912,000 included in the budget request.

NUCLEAR WASTE DISPOSAL

The conference agreement provides \$95,000,000 for Nuclear Waste Disposal, instead of \$133,000,000 as proposed by the House and \$25,000,000 as proposed by the Senate. When combined with the \$280,000,000 appropriated from the Defense Nuclear Waste Disposal account, a total of \$375,000,000 will be available for program activities in fiscal year 2002. The conference agreement includes not to exceed \$2,500,000 for the State of Nevada and \$6,000,000 for affected units of local government.

Department of Energy (in thousands)

	Budget Request	Conference
Post 2006 completion.....	120,053	125,753
Excess facilities.....	1,381	3,500
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TOTAL, NON-DEFENSE ENVIRONMENTAL MANAGEMENT.....	228,553	236,372
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URANIUM FACILITIES MAINTENANCE AND REMEDIATION		
Uranium Enrichment Decontamination and Decommissioning Fund		
Decontamination and decommissioning.....	241,641	298,641
Uranium/thorium reimbursement.....	1,000	1,000
Depleted UF6 conversion project.....	10,000	---
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Total, Uranium enrichment D&D fund.....	252,641	299,641
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Other Uranium Activities		
Maintenance and pre-existing liabilities.....	110,784	110,784
02-U-101 Depleted uranium hexafluoride conversion project, Paducah, KY and Portsmouth, OH.....	---	10,000
96-U-201 DUF6 cylinder storage yard, Paducah, KY....	---	3,000
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Total, Other uranium activities.....	110,784	123,784
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Use of prior year balances.....	---	-5,000
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TOTAL, URANIUM FACILITIES MAINTENANCE AND REMEDICATION.....	363,425	418,425
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SCIENCE		
High energy physics		
Research and technology.....	247,870	247,870
Facility operations.....	456,830	456,830
Construction		
98-G-304 Neutrinos at the main injector, Fermilab.....	11,400	11,400
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Subtotal, Facility operations.....	468,230	468,230
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Total, High energy physics.....	716,100	716,100
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Nuclear physics.....	360,510	360,510
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Biological and environmental research.....		
Construction		
01-E-300 Laboratory for Comparative and Functional Genomics, ORNL.....	10,000	11,405
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Total, Biological and environmental research.....	442,970	527,405
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Basic energy sciences		
Materials sciences.....	434,353	434,353
Chemical sciences.....	218,714	218,714
Engineering and geosciences.....	38,938	38,938
Energy biosciences.....	32,400	32,400

Department of Energy (in thousands)

	Budget Request	Conference

Construction		
02-SC-002 Project engineering and design (VL).....	4,000	3,000
99-E-334 Spallation neutron source (ORNL).....	276,300	276,300
Subtotal, Construction.....	280,300	279,300

Total, Basic energy sciences.....	1,004,705	1,003,705
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Advanced scientific computing research.....	163,050	158,050
Energy research analyses.....	1,000	1,000
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Multiprogram energy labs - facility support		
Infrastructure support.....	1,020	1,020
Oak Ridge landlord.....	7,359	7,359
Construction		
MEL-001 Multiprogram energy laboratory infrastructure projects, various locations.....	18,613	18,613
02-SC-001 Multiprogram energy laboratories, project engineering design, various locations.....	3,183	3,183
Subtotal, Construction.....	21,796	21,796

Total, Multiprogram energy labs - fac. support....	30,175	30,175
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Fusion energy sciences program.....	248,495	248,495
Facilities and infrastructure.....	---	10,000
Safeguards and security.....	55,412	55,412
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Program direction		
Field offices.....	64,400	63,000
Headquarters.....	73,525	72,500
Science education.....	4,460	4,460
Total, Program direction.....	142,385	139,960
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Subtotal, Science.....	3,164,802	3,250,812
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General reduction.....	---	-12,800
Less security charge for reimbursable work.....	-4,912	-4,912
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TOTAL, SCIENCE.....	3,159,890	3,233,100
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NUCLEAR WASTE DISPOSAL		
Repository program.....	70,577	39,000
Program direction.....	64,402	56,000
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TOTAL, NUCLEAR WASTE DISPOSAL.....	134,979	95,000
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