FY 2002 ENERGY AND WATER DEVELOPMENT APPROPRIATIONS HISTORY

ENERGY AND WATER DEVELOPMENT APPROPRIATIONS BILL – HOUSE REPORT 107-112

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Engineering and Project Management —The Committee recommendation includes a separate account for the personnel and activities of the Office of Engineering and Construction Management in line with the recommendation that the Office be provided greater authority within the Department's organizational structure. Funding for the facilities and infrastructure group has also been transferred to this office. The Committee recommendation of $7,600,000 does not include the budget proposal to fund central project management activities through a tax on other organizations.

Construction Projects
NNSA:
Funding of $9,500,000 has been provided for Project 02–D–101, the Microsystems and Engineering Sciences Applications (MESA) Complex at Sandia National Laboratories, an increase of $7,500,000 over the budget request. Funding of $7,500,000 for infrastructure activities has been transferred to the MESA line item construction project from Project 01–D–103, Project Engineering and Design (PE&D). The budget request of $45,5379,000 for Project 01–D–103, PE&D, has been reduced accordingly to $37,879,000. In its fiscal year 2003 budget request for MESA, the Department is directed to revise the project data sheet to include the cost of disposing of excess facilities that are equal to or greater than the new space that will be created by this project.

Science:
The Committee recommendation for construction of the Neutrinos at the Main Injector project at Fermilab is $11,400,000, the same as the budget request.

The Committee recommendation includes $11,405,000, an increase of $1,405,000 over the budget request, to complete the construction of the Laboratory for Comparative Functional Genomics at the Oak Ridge National Laboratory. The total project cost for this facility is only $14,420,000. By completing construction in two rather than three fiscal years, this will enable beneficial occupancy of the new facility in May 2003 instead of May 2004. This accelerated project completion will save the costs of utilities and maintenance for the old facility, plus the site usage fee at the Y–12 site, yielding a total net savings to the Federal government of approximately $800,000.

Spallation Neutron Source.—The Committee recommends the requested amount for construction of the Spallation Neutron Source (SNS), $276,300,000. This represents an increase of $16,800,000 compared to fiscal year 2001. The Committee appreciates the recent improvements made in the management of this project, but cautions the Department to maintain a close watch on the various components of the SNS being produced by other national laboratories.

Intense Pulsed Neutrino Facility.—The Committee recognizes the value of such a facility in conjunction with the Spallation Neutron Source, but budget constraints preclude funding an intense pulsed neutrino facility in fiscal year 2002.

Nanoscale Science Research.—The Committee supports the creation of several regional nanoscale science research centers consistent with the September 1999 recommendations of the Interagency Working Group on Nanoscience, Engineering and Technology of the National Science and Technology Council. The Committee also supports the efforts of the Department to seek the active involvement of the academic community in the development of these centers. However, the Committee reminds the Department that its efforts to involve universities must reach broadly and openly rather than selectively. Consistent with existing policies for current user facilities, discussions regarding the characteristics and equipment to be provided in these planned nanoscience user facilities should be open to all U.S. universities via published notice, workshops, and other formal mechanisms. The external users of the Department's resources must be determined through the competitive peer-review process. Any partnership arrangements between the involved national laboratories and academic institutions, or any other non-federal partners, must follow procedures to ensure full and open competition, as required by section 309 of this Act.

The Committee recommendation includes $3,000,000 to initiate project engineering and design (PED) for three nanoscale science research centers in fiscal year 2002. This is a reduction of $1,000,000 from the budget request of $4,000,000. Any additional centers should be requested as part of the fiscal year 2003 budget request. The detailed budget justification for fiscal year 2003 should also provide more accurate cost estimates for the three centers receiving PED funds in fiscal year 2002. The Committee expects the Department to maintain tight cost and schedule controls on these three facilities. The additional $3,000,000 included over the budget request is to be made available for university research in nanoscale science and engineering.

Experimental Program to Stimulate Competitive Research (EPSCoR).—The Committee recommendation includes $10,000,000 within available funds for EPSCoR, an increase of $2,315,000 over the budget request and $3,185,000 over fiscal year 2001.

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DEPARTMENTAL ADMINISTRATION
(GROSS)
Appropriations, 2001 ..... $225,942,000
Budget estimate, 2002 ..... $221,618,000
Committee recommendation $208,948,000
(MISCELLANEOUS REVENUES)
Appropriations, 2001 ..... $151,000,000
Budget estimate, 2002 ..... $137,810,000
Committee recommendation $137,810,000

The Department recommends $208,948,000 for departmental administration, a decrease of $12,670,000 from the Administration's request.

Construction Projects
SC:
The Committee recommendation includes $291,000,000 to continue the Spallation Neutron Source, including $276,300,000 for construction (under Project 99–E–334) and $15,100,000 for other activities related to the project. The amount represents a $23,000,000 increase over current year funding. The Committee recommends $4,000,000 in project engineering and design funding at various locations (under Project 02–SC–002). The Committee also authorizes construction of the Nanoscience Research Center upon completion of the project engineering and design.

The Committee recognizes the importance the SNS offers in advancing the frontiers of science and technology and the opportunities it will provide for future scientific and industrial research and development for the United States. The design and construction of this next-generation, accelerator-based, neutron scattering facility, located at the Oak Ridge National Laboratory, is a collaborative effort involving six DOE national laboratories (Argonne, Brookhaven, Jefferson, Lawrence Berkeley, Los Alamos, and Oak Ridge).

NNSA:
The Committee recommends an appropriation of $212,557,000, an increase of $57,893,000, for construction projects under Readiness in Technical Base and Facilities.

The following list details changes in appropriations for construction projects under Readiness in Technical Base and Facilities: *Project 02–D–101 Microsystems and engineering science applications, SNL*.—The Committee recommends $67,000,000, an increase of $65,000,000 above the budget request.

Project 02–D–103 Project engineering and design, various locations. —The Committee recommends $31,130,000, an increase of $21,950,000 above the budget request. Of this amount, $4,000,000 is provided for architecture and engineering services (Title I and Title II) for modernization of the surface support facilities for the U1A complex.

Project 02–D–105 Engineering technology complex upgrade, LLNL.—The Committee recommends $4,750,000, an increase of $4,750,000 above the budget request.

Project 02–D–107 Electrical power systems safety, communications, and bus upgrades, NV.—The Committee recommends $6,200,000, and increase of $2,693,000 above the budget request.

Project 01–D–103 Preliminary project engineering and design, various locations.—The Committee recommends $16,379,000, a decrease of $29,000,000 below the budget request.

Project 99–D–108 Renovate existing roadways, Nevada Test Site.—The Committee recommends $2,000,000, an increase of $2,000,000 above the budget request.

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Project Management --The conferees strongly support efforts of the Office of Engineering and Construction Management (OECM) to improve the Department's construction and project management. The Department has announced plans to merge the Office of the Chief Financial Officer (the current location of OECM) with the Office of Management and Administration to form a new Office of Management, Budget and Evaluation. The Committees on Appropriations have been assured that this change will broaden the duties, scope, responsibilities, and authorities of OECM. The conferees understand that the Department intends to enable OECM to more effectively bring needed culture changes to its project management community.

Congress supported creation of OECM as a final attempt to correct the Department's weaknesses in project management. The conferees expect OECM to be fully funded to support enhanced systems development and deployment, training, process improvements, and accountability. The conferees acknowledge that the expanded mission of this office encompasses project closure, facilities, and infrastructure management activities and urge the Secretary to give priority to retaining within the Department the technical skills needed for federal project and real property management. The conferees recommend that, at each site, the Secretary designate a management office to coordinate project and real property management improvements with this headquarters office.

The conferees also expect the National Research Council to continue to monitor the Department's efforts in project management.