

United States Senate

WASHINGTON, DC 20510

COMMITTEES:
COMMERCE, SCIENCE, AND TRANSPORTATION
ENVIRONMENT AND PUBLIC WORKS
INDIAN AFFAIRS
RULES AND ADMINISTRATION

May 22, 2009

The Honorable Daniel K. Inouye
Chairman
Senate Committee on Appropriations
Capitol, S-128
Washington, D.C. 20510

The Honorable Thad Cochran
Vice Chair
Senate Committee on Appropriations
Capitol, S-128
Washington, D.C. 20510

The Honorable Byron L. Dorgan, Chairman
Appropriations Subcommittee on Energy
and Water Development
186 Dirksen Senate Office Building
Washington, D.C. 20510

The Honorable Robert F. Bennett
Ranking Member
Appropriations Subcommittee on Energy
and Water Development
184 Dirksen Senate Office Building
Washington, D.C. 20510

Dear Chairman Inouye, Vice Chair Cochran, Chairman Dorgan, and Ranking Member Bennett:

As the Subcommittee prepares to consider the fiscal year 2010 appropriations bill for Energy and Water, I respectfully request your consideration of the following projects important to New Mexico's National Laboratories, water resources, clean energy technology, and economic development. Federal investments in these areas are critical to ensuring New Mexico's federal assets are productive and that our local and tribal governments and communities have safe and secure water and energy supplies. Your consideration of these projects, listed by agency and in alphabetical order, is very much appreciated.

Bureau of Reclamation:

Bosque Ecosystem Monitoring Program (BEMP) – I respectfully request \$160,000 from the Bureau of Reclamation for the Bosque Ecosystem Monitoring Program (BEMP). The program provides valuable educational opportunities for youth, and affordable monitoring of the middle Rio Grande Corridor that is used by federal agencies.

Buckman Direct Diversion Project-- I respectfully request \$8 million in Bureau of Reclamation funding for construction of the Buckman Direct Diversion Project. This project will divert water from the Rio Grande for consumption in Santa Fe, New Mexico. The project will help to mitigate the threat of continuing water shortages in the Santa Fe region.

City of Santa Fe Municipal Reservoir Improvements Project--I respectfully request \$2,000,000 in Bureau of Reclamation funding for capital improvements at the surface water reservoirs that provide drinking water to the City of Santa Fe through the Canyon Road water Treatment Plant. Funding will be used to construct/replace piping and intake infrastructure.

STATE OFFICES:

Eastern New Mexico Pipeline Project--I respectfully request \$10 million in Bureau of Reclamation funding to fund the initial stages of the Eastern New Mexico Rural Water System. This includes the construction of an intake structure at Ute Reservoir that will immediately be of use to the surrounding community while the remaining stages of the project are completed. This project is essential to the continued sustaining of the communities of eastern New Mexico where ground water (in the Ogallala Aquifer) is only expected to last for another decade. Funding for the project was authorized as part of the Public Lands Package this year.

Farmers Mutual Ditch Conduit Project--I respectfully request \$8,900,000 in Bureau of Reclamation funding for construction and design of 2,500 feet of 96" conduit to serve the Kirtland, Fruitland and Water flow communities with domestic, emergency, and irrigation water. The 2 mile conduit project will prevent canal closures due to rockslides, protect endangered fish (Colorado Pikeminnow and Razorback Sucker) in their designated critical habitat. Construction of the pipeline will prevent greater expenditures from inevitable future rockslides.

Jicarilla Apache Rural Water System - I respectfully request \$10,000,000 in Bureau of Reclamation funding to continue efforts to repair and replace the severely debilitated water delivery and waste water system that serves Jicarilla Apache Reservation. The completion of this project will provide clean, safe water to local residents and the community, and will allow for the planning and execution of necessary infrastructure projects. The current status of the incomplete water system both threatens public health and presents financial and logistical issues that prevent the development of long-term projects for the community. The project was authorized in Public Law 107-331, Title VIII.

Language Request – I further respectfully request that the Committee include the following text to accompany funds for the **Jicarilla Apache Rural Water System** – “*Provided that*, using \$10 million provided herein, the Secretary of the Interior, acting through the Bureau of Reclamation, is directed to proceed with construction of the Jicarilla Apache Reservation Rural Water System Project in Dulce, New Mexico in a manner that comports and complements toe existing work on the Project performed by the Tribe; *provide further* that the Bureau of Reclamation may distribute funding to the Tribe on a reimbursable basis for work the Tribe conducted on authorized components of the Project without federal funding.”

Navajo Gallup Water Supply Project – I respectfully request \$5,000,000 in Bureau of Reclamation funding for design, development surveying, and research for the recently authorized Navajo Gallup Water Supply Project. This project will divert and treat water from the San Juan River and the Cutter Reservoir through 267 miles of pipeline, groundwater wells and regional distribution systems to 250,000 people who are in 43 Chapters and communities that are in dire need of useable and drinkable water. Funding for the project was authorized as part of the Public Lands Package this year (S 22/ HR 146/Public Law 111-11.)

Potable Water Desalination Plant – I respectfully request \$4,600,000 in Bureau of Reclamation funding for a design and management of a water desalination plant in Sandoval County, New Mexico. Both recent drought conditions and a depletion of water in the aquifer are contributing to a shortfall of water that will only grow in the coming decades. By harnessing the

desalination process for brackish groundwater and aquifers, it will be possible to increase water supply enough to meet demand. This funding will go toward studying the water situation and determining whether development of such a process would be feasible and worth the investment.

Rio Grande Pueblo Irrigation Infrastructure Study – I respectfully request \$4,000,000 in Bureau of Reclamation funding for a Rio Grande Pueblo Irrigation Infrastructure Study. The project will examine how best to improve irrigation infrastructure for Pueblo Communities along the Rio Grande, as authorized in legislation earlier this year, and will lead to more water efficiency in the Rio Grande basin.

Rio Grande Trail-- I respectfully request \$2,000,000 from the Bureau of Reclamation International Boundary and water Commission for the development of a multi-use trail along much of the Rio Grande River Corridor.

Water Irrigation Infrastructure--I respectfully request \$8,500,000 for the Santa Ana Pueblo's planing, design and construction of water irrigation infrastructure modifications and improvements of the Tamaya Indian Ditch. The ditch is approximately 8 miles long and serves the agricultural lands of Santa Ana and southern San Felipe, and non-Indian agriculture lands in the village of Algodones. The system is in need of repairs that will make water delivery more efficient. Specifically, the earthen delivery system will be replaced.

Water Reclamation and Recycling Authorization – Westside and Tijeras Arroyo Facilities-- I respectfully request \$500,000 in Bureau of Reclamation funding to initiate the feasibility and NEPA analysis for the Westside and Tijeras Arroyo facilities. The Albuquerque Water Reclamation program was authorized in the Reclamation Recycling and water Conservation Act of 1996 to participate in the Bureau of Reclamation's water and wastewater reuse and recycling program. The Albuquerque Reclamation program now proposes two new recycling/reuse programs (Westside and Tijeras Arroyo facilities) that will lessen the impact of water use on the Rio Grande.

Water Reclamation Projects – Phase 2--I respectfully request \$1.5 million in Bureau of Reclamation funding to provide full funding for Southside Municipal Effluent Polishing and Reuse and to continue the feasibility and NEPA for the new Eastside Arsenic Treatment Project. These projects are administered by the Albuquerque Water Reclamation program that was authorized in the Reclamation Recycling and water Conservation Act of 1996. These projects will make city water use more efficient.

Department of Energy—Civilian Programs:

Alamogordo, NM, Municipal Solar Installation—I respectfully request \$200,000 in Energy Efficiency and Renewable Energy funding for a project that includes construction and installations of solar panels to provide water heating for the Alamogordo Family Recreation Center and reduce energy costs by 40%.

Albuquerque, NM, Landfill Gas-to-Energy—I respectfully request \$4,000,000 in Energy Efficiency and Renewable Energy funding for a project that would design and construct three

micro-turbines for existing Los Angeles landfill gas-to-energy system to collect remaining 75% of gas from closed landfill.

Albuquerque, NM, Landfill Biodiesel Plant—I respectfully request \$6,000,000 in Energy Efficiency and Renewable Energy funding for a project that would design and construct a bio-diesel plant at the closed Los Angeles landfill (with co-generation from landfill gas) to produce B-100 fuel from restaurant grease for the City fleet.

Albuquerque, NM, Landfill Waste-to-Ethanol Plan—I respectfully request \$40,000,000 in Energy Efficiency and Renewable Energy funds for a project that would design and construct a waste-to-ethanol plant at the Cerro Colorado City landfill (with co-generation from landfill gas) to produce E-10 and E-85 for City fleet. The advanced cellulosic ethanol produced would not require large energy inputs or compete with existing land or food uses.

Albuquerque, NM, Airport Solar Installation—I respectfully request \$1,500,000 in Energy Efficiency and Renewable Energy funding for the first phase of a project to construct photovoltaic solar panels on parking canopies at Sunport Airport, generating 185 kW.

Albuquerque, NM, Sandia Science & Tech. Park—I respectfully request \$10,000,000 in Energy Efficiency and Renewable Energy funding for a project that would use landfill gas and a solar photovoltaic array to power the Science Park and provide extra energy to the grid, generating funds to operate the park.

Belen, NM, Municipal Solar Installation—I respectfully request \$20,470,956 in Energy Efficiency and Renewable Energy funding for a project that would construct 175 photovoltaic solar units, 633 Solar dish units, and 20 solar thermal installations totaling 1.9 megawatts in six phases on municipal installations to make Belen, NM a carbon-neutral city, saving \$300,000 per year and eliminating 89,000 tons of greenhouse gases.

Center for Excellence and Hazardous Materials – I respectfully request \$2,000,000 in DOE Environmental Management funds for the Center of Excellence for Hazardous Materials Management was established in May 2004 as a 501 (c) (3) organization dedicated to reducing the impact of hazardous materials on the environment. Since its inception, Center of Excellence for Hazardous Materials Management has identified and pursued applied research projects that have national and international implications. The three main projects pursued by the Center of Excellence for Hazardous Materials Management are the Algae/Biodiesel Project, the Biomonitoring Project and the Cooperative Conservation project.

Dine Power Authority, Navajo (NM), Renewable Energy/Transmission Study—I respectfully request \$1,000,000 in Electricity Delivery and Energy Reliability funding for a project that would analyze the viability of commercial scale renewable energy projects and transmission in Four Corners area of New Mexico.

Economic Development Infrastructure Projects (Carlsbad, NM)— I respectfully request that the Committee include the following report language under the Waste Isolation Pilot Plant portion of the Fiscal Year 2010 Energy and Water Appropriations Act, in order to facilitate

\$3,500,000 in funding under DOE Environmental Management to help the City of Carlsbad create jobs, infrastructure and additional education to help make up for the negative impact the City will experience due to the accelerated closure of WIPP. The accelerated WIPP closure will save the Department of Energy over 2 billion dollars. The requested language is as follows: "The remaining funds are for Carlsbad educational support, infrastructure improvements resulting from operations at WIPP and for construction of the WIPP digital records center, activities the Program found meritorious enough to support in fiscal year 2010."

Jicarilla Apache Nation, NM, Distributed Power Generator—I respectfully request \$3,000,000 in Electricity Delivery and Energy Reliability funding for this project to acquire a distributed 1-2 megawatt generator for the Nation, which suffers blackouts due to inadequate transmission infrastructure.

Los Alamos County, NM, Municipal Landfill Solar Installation—I respectfully request \$20,000,000 in Energy Efficiency and Renewable Energy or National Nuclear Security Administration Facilities funding for a project to install 10 megawatts of solar photovoltaic panels at landfill to supply peak demand at Los Alamos National Lab as determined by a joint County-LANL study.

Los Alamos County, NM, DOE Land Transfer Environmental Work—I respectfully request \$4,000,000 in DOE Environmental Management, project funding would go to DOE to fund environmental activities associated with legally required land transfer of contaminated Los Alamos National Lab property.

Lovelace Respiratory Research Instit., NM, Wind/Solar Installation—I respectfully request \$2,000,000 in Energy Efficiency and Renewable Energy funding for a project would install 1 megawatts of wind and 0.5 megawatts of solar photovoltaics at the LRRRI campus.

Navajo-Hopi Land Commission, Renewable Energy Project—I respectfully request \$1,500,000 in Energy Efficiency and Renewable Energy funding to support the second year of multi-year program to generate renewable energy at commercial scale, including team salary and expenses, and first phase of renewable energy centers at Bisti-Paragon and Window Rock.

Navajo Tribal Utility Authority, Electrification Demonstration—I respectfully request \$15,000,000 in Electricity Delivery and Energy Reliability funds for a congressionally authorized program to fund electric hook-ups for Navajo homes without electricity, which represent the majority of U.S. homes still without electricity.

NEC Energy Resources, Hidalgo Co., NM, Innovative Solar Project-- I respectfully request \$1,100,000 in Energy Efficiency and Renewable Energy funding to support development and engineering of a 5 megawatt solar photovoltaic installation to support existing gas fired unit.

Green Grid Initiative, NM—I respectfully request \$1,000,000 in Electricity Delivery and Energy Reliability funds to support the State's five-year plan to combine a smart electrical grid with clean, renewable energy sources in a fully-integrated way, in a collaboration of government, business, and community groups.

Mind Research Network, NM, Research Funding—I respectfully request \$5,000,000 in Office of Science funding to improve diagnosis and treatment of mental illness and brain disorders through advanced imaging and genetics research.

New Mexico State U., NM, Micro-grids and Renewable Energy Technology Research—I respectfully request \$4,000,000 in Electricity Delivery and Energy Reliability funds for a project that will demonstrate integrated micro-grids that utilize distributed, renewable energy resources to promote a reliable, stable electric grid.

New Mexico State U., Solar to Hydrogen Conversion—I respectfully request \$4,000,000 in Energy Efficiency and Renewable Energy funding for a project in collaboration with Sunvention USA to develop and commercialize a high efficiency solar hydrogen production technology based on splitting water with sunlight and TiSi₂.

New Mexico State U., Reinventing High School—I respectfully request \$1,500,000 in Office of Science funds for a project that would build curriculum and academic programs for a university-business-public school partnership focusing on energy, natural resources, and aerospace to produce more science and technology-enabled students.

New Mexico Instit. of Mining & Tech., Energy Surety Research Center—I respectfully request \$6,000,000 in Electricity Delivery and Energy Reliability funds for a project that would support a wide range of demonstration and testing of energy systems, renewable distributed energy resources, and smart grid components at the existing Playas Training and Research Center used by DOE, DOD, and DHS.

Pueblo of Ohkay Owingeh, NM, Solar Installation—I respectfully request \$400,000 in Energy Efficiency and Renewable Energy funding for a project to install 60 photovoltaic solar panels to reduce 30% of the tribal government's energy load (5 facilities) and the energy savings will be reinvested in the tribal economy.

Sapphire Energy, Portales, NM, Algae-to-Fuel Demonstration Project-- I respectfully request \$3,000,000 in Energy Efficiency and Renewable Energy funding to conduct site preparation and support construction and development of a demonstration plant producing transportation fuels from algae, CO₂, and saline water. The project's non-profit partners are proposed to include New Mexico State University.

Santa Fe Community College, NM, Sustainable Technology Center-- I respectfully request \$6,500,000 in Energy Efficiency and Renewable Energy funding to support green job training equipment and renewable energy demonstration park at the Sustainable Technology Center, which is being constructed with \$11.3 million in state and local funds.

Sun County Industries, Albuquerque, NM, Wind Turbine Gear Technology-- I respectfully request \$4,100,000 in Energy Efficiency and Renewable Energy funding for a project to develop and demonstrate a wind turbine gear refurbishment program to reduce maintenance costs.

Stolar Industries, Raton, NM—I respectfully request \$2,500,000 in Fossil Energy R&D funding to support the development and field-testing of Drill String Radar technology for advanced oil and gas and coal recovery, to reduce environmental impacts of drilling.

Village of Wagon Mound, NM—I respectfully request \$25,000 in Energy Efficiency and Renewable Energy funding for a project would remodel the Wagon Mound town hall structure with energy efficient doors and windows to reduce energy costs and environmental impact.

Department of Energy—National Nuclear Security Administration:

High Bandwidth, High Energy Storage, Exawatt Laser Glass Development - \$3,500,000; the purpose of this project is to design the world's most powerful laser. This will be done by developing the enabling laser glass technology and using a solid-state glass laser architecture to achieve peak power of 10^{18} watts (exawatt) and pulse width $\sim 10^{-13}$ sec (~ 100 femtoseconds). The Exawatt Laser technology R&D proposed in this program is very timely and needed now to retain the US lead in the science and industrial base required for high intensity lasers.

National Academy of Sciences Study of Laboratory-Scale Pulsed Power Science and Technology Programs - \$500,000; In order to advance high density physics research and development it is important that pulsed power research receive greater recognition as a national asset. The timely completion of a report, and recommendations based on it, by the National Academy or similar independent entity would significantly aid in the determination of what emphasis and priority this research requires.

National Quantitative Risk Analysis Center - \$30,000,000; Quantitative risk, safety, and performance analyses of complex systems with large subsystem uncertainties are central to many of the issues facing the nation's policy and regulatory decision-makers (e.g. carbon sequestration facilities, waste repositories, energy security, etc). This request is to support funding of a National Quantitative Risk Analysis Center as a means to retain US leadership in the advancement of international standards and methods for quantitative risk analysis, and to provide risk, safety and performance analysis services to a range of end-user agencies and programs, including potential host communities or oversight groups. The National Quantitative Risk Analysis Center would foster innovation in risk assessment methods and standards by providing a research and development environment combining the US technical expert community with high-performance modeling and simulation computational resources, and thereby maintain US technical leadership and provide services of interest to the national and international community.

Next Generation Nuclear Fuel Cycle System Analysis - \$10,000,000; This request is to develop a Next Generation Nuclear Fuel Cycle System Analysis project, with the intent of supporting DOE/NE in delivering to Congress within 1 year a set of policy recommendations and technology roadmaps that establish a national agenda leading to implementation of a next generation nuclear fuel cycle in a manner and timeframe sufficient to address U.S. national and energy security goals.

Nonproliferation & Verification Research and Development - \$363,792,000; A primary purpose of Nonproliferation & Verification R&D is to increase Defense Nuclear

Nonproliferation's role in investing in core capabilities and infrastructure, including sustained multi-year funding for specified capabilities. This program meets unique challenges and plays an important role in the federal government by driving basic science discoveries and developing new technologies applicable to nonproliferation, homeland security, and national security needs.

United States/Russian Federation Technical Cooperation on Global Nuclear Security - \$500,000; Technical cooperation between the US National Laboratories and similar Russian Institutions have contributed directly to reducing the global nuclear threat, and have provided insights and technical options for policymakers facing critical nuclear security challenges related to strategic stability, nonproliferation and counter-terrorism. The US-Russian relationship is evolving; current US-Russian cooperative programs are phasing out; and both countries face serious economic challenges that could threaten the sustainability of gains in threat reduction. We propose a study by the National Academy of Sciences to review the nation's nuclear security objectives and the role of existing US-Russian cooperative programs in achieving these objectives, and make recommendations about future cooperation.

University of New Mexico, University Research Program in Robotics—I respectfully request \$6,200,000 in NNSA Campaigns funding for a multi-state project (FL, MI, NM, TN, TX) that collaborates with NNSA labs to support robotics research for remote handling and hazardous environments.

U.S. Army Corps of Engineers General Investigations:

Española Valley, Rio Grande and Tributaries, NM—I respectfully request \$345,700 in Investigations funding under the U.S. Army Corps of Engineers for a project authorized by the Flood Control Act of 1941. The purpose of this study is ecosystem restoration along the Rio Grande and will be cost-shared with three tribes. Fiscal Year 2010 funding will fully fund the feasibility study.

Otero County Flood Damage Reduction, NM—I respectfully request \$500,000 in Investigations funding under the U.S. Army Corps of Engineers for a project authorized by Sec. 506 of the Flood Control Act of 1958. The purpose of the project is to reduce flood damages and establish a flood mitigation plan in unincorporated Otero Co. Fiscal Year 2010 funding will complete the reconnaissance study and initiate cost-shared feasibility study.

Rio Grande Basin, NM—I respectfully request \$120,000 in Investigations funding under the U.S. Army Corps of Engineers for a project authorized by Sec. 729 WRDA 1986 (and also Sec. 202 of WRDA 2000 and Sec. 2010, WRDA 2007). The study will identify ways to integrate the programs, policies, and resources of all concerned agencies into a multi-objective water resources plan for the Basin. Fiscal Year 2010 funding will complete Parts 2 & 3 of Rio Grande Salinity Study (Phase III).

Santa Fe, NM—I respectfully request \$228,000 in Investigations funding under the U.S. Army Corps of Engineers for a project authorized by Flood Control Act of 1941. The study purposes include flood damage reduction, ecosystem restoration, and watershed planning within the Santa Fe River watershed. Fiscal Year 2010 funding will complete the cost-shared feasibility study.

Tribal Partnership Program, NM—I respectfully request \$500,000 in Investigations funding under the U.S. Army Corps of Engineers for a project authorized by Sec. 203 of WRDA 2000. Fiscal Year 2010 funding would cover watershed studies for the Pueblos of San Ildefonso, San Felipe, Jemez Pueblo, and the Pueblo of Santa Ana and environmental restoration for the Pueblo of Santo Domingo.

U.S. Army Corps of Engineers Construction General:

Acequias Irrigation System, NM—I respectfully request \$3,070,000 in U.S. Army Corps of Engineers Construction General funding for the project which consists of the protection and restoration of the river diversions and associated canals. The work is authorized under WRDA 1986, Section 1113 and WRDA 1996, Section 334. Fiscal Year 2010 funding would reimburse 2 Section 215 projects (Los Ranchos and Puerto De Luna), complete National Environmental Policy Act compliance for Ramah Ditch, and award a construction contract for Chamisal y Ojito Acequia.

Alamogordo, NM Flood Project—I respectfully request \$4,200,000 in U.S. Army Corps of Engineers Construction General funding for this project located in south central New Mexico in Otero County, in and near Alamogordo, New Mexico. The project consists of two concrete and rip-rap lined diversion channels with 100-year flow capacity and a flood detention structure which will intercept flood flows, as authorized under the Flood Control Act of 1962. Flooding in 2006 caused an estimated \$7,000,000 in damages to residences, business and infrastructure.

Central New Mexico Environmental Infrastructure—I respectfully request \$7,200,000 in U.S. Army Corps of Engineers Construction General funding, as authorized in Section 593 of WRDA 1999, for "Central New Mexico" as defined as Bernalillo, Sandoval, and Valencia Counties. Fiscal Year 2010 funding would complete reimbursement of Bernalillo Well Phases 3 & 4, continue reimbursement for Rio Rancho Phase 2, continue reimbursement for To'hajiilee, initiate reimbursement of SW Valley Drinking Water, and reimbursement of Albuquerque West Levee.

Middle Rio Grande Flood Protection, Bernalillo to Belen, NM—I respectfully request \$800,000 in U.S. Army Corps of Engineers Construction General funding for this project authorized in WRDA 1986, Sec. 401. The project consists of constructing 50 miles of levees to replace existing spoil bank levees, creation of 75 acres of wetlands, and the acquisition of 200 acres to for fish and wildlife mitigation. Fiscal Year 2010 Funding will continue the General Reevaluation Report.

Rio Grande Environmental Management Program, NM—I respectfully request \$6,100,000 in U.S. Army Corps of Engineers Construction General funding for this project authorized in Sec. 5056 of WRDA 2007. This project is a program for fish and wildlife habitat rehabilitation and enhancement along the Rio Grande Basin. Fiscal Year 2010 funding would initiate Habitat Needs Assessment, complete two habitat rehabilitation & enhancement projects, initiate a GIS database, conduct public coordination, and produce a required report to Congress.

Rio Grande Floodway, San Acacia to Bosque del Apache, NM—I respectfully request \$800,000 in U.S. Army Corps of Engineers Construction General funding for this project authorized in the Flood Control Act of 1948 and WRDA 1992. The project consists of the reconstruction of approximately 44 miles of existing west side spoil bank levee located along the Rio Grande. Fiscal Year 2010 funding would finalize the Limited Reevaluation Report.

Southwest Valley, NM Flood Damage Reduction—I respectfully request \$9,815,000 in U.S. Army Corps of Engineers ; authorized in Sec. 1001 of WRDA 2007, is located in Southwest Albuquerque and would protect the area from west mesa flooding. FY2010 funding would fully fund the construction contract.

U.S. Army Corps of Engineers Continuing Authorities:

Bernalillo, NM—I respectfully request \$400,000 in U.S. Army Corps of Engineers Continuing Authorities funding under Sec. 205 of the Flood Control Act of 1948, to conduct a feasibility study to determine the Federal interest and optimize a flood damage reduction plan for the town of Bernalillo, NM. Fiscal Year 2010 funding would fully fund the feasibility phase.

Blue Hole Lake State Park, NM—I respectfully request \$216,000 in U.S. Army Corps of Engineers Continuing Authorities funding under Sec. 206 of WRDA 1996, for ecosystem restoration in Blue Hole Lake State Park, NM. Fiscal Year 2010 funding would complete the feasibility phase.

Hatch, NM—I respectfully request \$4,030,000 in U.S. Army Corps of Engineers Continuing Authorities funding under Sec. 205 of the Flood Control Act of 1948 for a project in Hatch, NM. The purpose of the feasibility study is to determine the Federal interest and optimize a flood damage reduction plan for Hatch, which has significantly flooded three times in the last fifteen years. Fiscal Year 2010 funding would fully fund the implementation phase.

Janes-Wallace Memorial Dam, Santa Rosa, NM—I respectfully request \$315,000 in U.S. Army Corps of Engineers Continuing Authorities funding under Sec. 206 WRDA 1996 for this project in Santa Rosa, NM. The loss of the dam led to a decrease in aquatic habitat. The feasibility study will analyze ecosystem restoration and protection alternatives. Fiscal Year 2010 funding would complete the feasibility phase.

La Joya, NM—I respectfully request \$100,000 in U.S. Army Corps of Engineers Continuing Authorities funding under Sec. 14 of the Flood Control Act of 1946 for a project in La Joya, NM. The project would reinforce the north and west banks of the Los Alamos Arroyo to protect the La Joya Acequia, which if lost would cause the loss of significant farmland. FY2010 funding would initiate and complete the feasibility phase.

Las Cruces, NM Dam Environmental Restoration—I respectfully request \$2,272,000 in U.S. Army Corps of Engineers Continuing Authorities funding under Sec. 1135, WRDA 1986. The project includes restoration of vegetation, scenic overlooks, wildlife observation areas, trails, and parking. Fiscal Year 2010 funding would fully fund implementation.

U.S. Army Corps of Engineers Operations & Maintenance:

Abiquiu Dam, NM—I respectfully request \$6,234,000 in U.S. Army Corps of Engineers Operations and Maintenance funding under the Flood Control Acts of 1948, 1950, and 1960 and the Energy & Water Appropriations Act of 2003. The dam has provided flood damage reduction since 1963 by controlling flood waters from a 2,000 square mile area. Fiscal Year 2010 funding would cover routine O&M, electric upgrades, invasive species protection, and other O&M work.

Cochiti Lake, NM—I respectfully request \$12,573,000 in U.S. Army Corps of Engineers Operations and Maintenance funding under the Flood Control Act of 1960. The project has provided flood damage reduction since 1976, controlling flood waters from an 11,695 square mile area. Fiscal Year 2010 funding would fund routine O&M, baseline study, campground construction, and other O&M work.

Conchas Lake, NM—I respectfully request \$11,671,000 in U.S. Army Corps of Engineers Operations and Maintenance funding under the Flood Control Acts of 1936 and 1938. The project provides flood damage reduction since 1939 by controlling flood waters from a 7,400 square mile area. Fiscal Year 2010 funding would fund routine O&M, campground work, roads, silting basin work, and other O&M work.

Galisteo Dam, NM—I respectfully request \$866,000 in U.S. Army Corps of Engineers Operations and Maintenance funding under the Flood Control Act of 1960. The project has provided flood damage reduction since 1970, controlling flood waters from a 596 mile area. Fiscal Year 2010 funding would conduct routine O&M and salt cedar removal.

Inspection of Completed Works, NM—I respectfully request \$1,104,000 in U.S. Army Corps of Engineers Operations and Maintenance funding to cover more robust periodic inspection of high hazard dams and completed projects and the Levee Safety and Flood Risk Management (FRMP) Levee Safety Program.

Jemez Canyon Dam, NM—I respectfully request \$2,266,000 in U.S. Army Corps of Engineers Operations and Maintenance funding under the Flood Control Acts of 1948 and 1950. The project has provided flood reduction since 1953 by controlling flood waters from a 1,000 square mile area. Fiscal Year 2010 funding would conduct O&M and mitigation work.

Middle Rio Grande Endangered Species Collaborative Program, NM—I respectfully request \$1,025,000 in U.S. Army Corps of Engineers Operations and Maintenance funding for this project to conduct necessary planning studies, watershed surveys and assessments, and other technical studies necessary to protect endangered species in the area.

Santa Rosa Dam and Lake, NM—I respectfully request \$1,259,000 in U.S. Army Corps of Engineers Operations and Maintenance funding under the Flood Control Act of 1954. The project has provided flood reduction since 1980 by controlling flood waters from a 2,400 square mile area. Fiscal Year 2010 funding covers routine O&M, erosion control, and a visitor center.

Scheduling Reservoir Operations, NM—I respectfully request \$477,000 in U.S. Army Corps of Engineers Operations and Maintenance funding under Sec. 7 of the Flood Control Act of 1944 to provide reservoir flood control regulation for Bureau of Land Management dams.

Two Rivers Dam, NM—I respectfully request \$1,074,000 in U.S. Army Corps of Engineers Operations and Maintenance funding under the Flood Control Act of 1954. The project has provided flood reduction since 1963 by controlling flood waters from a 1,000 square mile are. Fiscal Year 2010 funding would cover routine O&M and site facilities.

Upper Rio Grande Water Operations Model, NM—I respectfully request \$1,201,000 in U.S. Army Corps of Engineers Operations and Maintenance funding under Sec. 7 of the Flood Control Act of 1944. The project assists water managers in flood control operations, water accounting, biological opinion compliance and evaluation of water operations alternatives.

Report Language Request:

Uranium Cleanup at Navajo and Hopi Nations and Nearby Areas--“The Committee is concerned about the ongoing uranium legacy cleanup efforts being carried out by the Department of Energy, Nuclear Regulatory Commission, Bureau of Indian Affairs, Indian Health Service, and Environmental Protection Agency in the Navajo and Hopi Nations. The committee commends these agencies for their coordinated efforts to form a five year plan to address the environmental and health impacts of uranium contamination. The committee expects the Department of Energy and Nuclear Regulatory Commission to complete their efforts according to the five year plan as outlined below.”

EPA

Structures

2009 – Complete Screening and assessment of 100 more possibly contaminated structures.

2012 – Complete assessment and remediation of all contaminated structures (approximately 500.)

EPA

Abandoned Mines

2009 – Complete 160 on-site mine screenings, complete 7 detailed assessments.

2010-2012 – Completion of the remaining mine screenings, and assessment of the highest priority mines.

EPA/IHS

Water

2012 – Completion of initial outreach efforts to residences in areas at risk of water contamination. Such efforts should be continued as populations change.

2012 – Complete all alternative water supply sources.

EPA/NRC

NE Church Rock Mine

2009 – Release final cleanup plan

2010 – Require removal action on the NE Church Rock Mine site.
2011 – Complete soil cleanup at NE Church Rock Mine site.

DOE (coordinating with other agencies)
Tuba City Dump

2009 – Complete remedial investigation.
2010 – Select a final remedy and closure plan and begin site closure. Continue and report to Congress on quarterly groundwater monitoring.
2012 – Complete closure. Continue and report to Congress on quarterly groundwater monitoring.

DOE/EPA/BIA

Tuba City Highway 160 Site

2009 – Coordinate with agencies of authority to determine plan for characterization and cleanup of site.
2012 – Complete cleanup of site.

DOE (coordinating with other agencies)

Abandoned Uranium Mill Sites

2009-2012 – Continue groundwater treatment activities and long-term surveillance. Report long-range plans for continued maintenance and surveillance to Congress.

IHS

Health Study

2009 – Begin cancer and other health condition prevalence for populations near AUM/mill sites
2010-2012 – Diagnose and treat known health conditions in eligible individuals, and coordinate with University of New Mexico on the Navajo Uranium Assessment and Kidney Health Project.

“The committee further remains concerned about the health and environmental impacts of past uranium mining practices on non-tribal lands. The committee directs the Department of Energy and the Nuclear Regulatory Commission to coordinate with the Environmental Protection Agency, the Bureau of Land Management, the Forest Service, the Office of Surface Mining Reclamation and Enforcement, and state governments to formulate a similar five year plan with annual benchmarks for cleanup of uranium mine, mill, and contamination sites throughout New Mexico and other states with uranium contamination. The committee further directs the respective agencies to report on their coordination efforts and their progress towards completion of the five year plan to Congress annually.”

Certification

I certify that neither I nor my immediate family has a pecuniary interest in any of the congressionally directed spending item(s) that I have requested, consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate. I further certify that I have posted a description of the items requested on my official website, along with the accompanying justification.

I am grateful for the consideration the Committee and Subcommittee is giving my requests. While I recognize you are operating under very tight constraints, I hope you will consider the needs of these national programs in the Fiscal Year 2010 Subcommittee on Energy and Water Appropriations Act.

Sincerely,

A handwritten signature in blue ink that reads "Tom Udall". The signature is written in a cursive, flowing style. The word "Tom" is written in a larger, more prominent script than "Udall".

Tom Udall
Member of Congress