



DEPARTMENT OF DEFENSE
AND
DEPARTMENT OF ENERGY
NUCLEAR WEAPONS COUNCIL
WASHINGTON, DC 20301-3050



The Honorable Howard P. "Buck" McKeon
Chairman
Committee on Armed Services
U.S. House of Representatives
Washington, DC 20515

AUG 02 2013

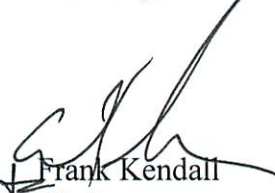
Dear Mr. Chairman:

In a July 18, 2013, letter to the Department of Energy (DOE) Deputy Chief Financial Officer, your committee outlined conditions for the obligation of the initial \$50 million of the DOE request to reprogram \$120 million from the Chemistry and Metallurgy Research Replacement–Nuclear Facility, project 04-D-125. Specifically, your letter requested the Nuclear Weapons Council (NWC) submit a detailed spend plan for these initial funds prior to obligating them.

The NWC endorses the enclosed spend plan documenting \$50 million in key investments needed to maintain continuity in plutonium operations at Los Alamos National Laboratory. While the \$50 million represents important initial investments, the remaining \$70 million is necessary for the National Nuclear Security Administration (NNSA) to execute its plutonium strategy. The NNSA and the Department of Defense Office of Cost Assessment and Program Evaluation are analyzing options for a long-term capability, and the NWC will inform Congress of the results this fall.

We thank you for your approval of the initial \$50 million of NNSA's \$120 million reprogramming request to begin investments that are a necessary first step toward achieving a production capability of 30 pits per year by FY 2021. Your continued support is appreciated.

Sincerely,



Frank Kendall
Chairman

Enclosure:
As stated

cc:
The Honorable Adam Smith
Ranking Member



Department of Energy
National Nuclear Security Administration
Washington DC 20585

July 24, 2013

OFFICE OF THE ADMINISTRATOR

The Honorable Frank Kendall
Chairman, Nuclear Weapons Council
Under Secretary of Defense for Acquisitions,
Technology and Logistics
U.S. Department of Defense
Washington, DC 20301

Dear Chairman Kendall: *Frank*

Based on recent correspondence from the House Committee on Armed Services dated July 18, 2013, I am requesting the support of the Nuclear Weapons Council (NWC) to submit the enclosed spend plan. The plan outlines the investments associated with the initial \$50 million of our previously submitted request to reprogram \$120 million in fiscal year 2012 funds from the Chemistry and Metallurgy Research Replacement (CMRR) project.

The aforementioned letter requested that this information be submitted through the NWC prior to the National Nuclear Security Administration obligating the funds. I believe the spend plan fulfills their request and am willing to assist your office in any way possible to ensure this information gets to Chairman McKeon in a timely fashion.

If you have any questions, please contact Dr. Donald L. Cook, Deputy Administrator for Defense Programs, at (202) 586-2179.

Sincerely,

A handwritten signature in cursive script, appearing to read "E. Bruce Held".

Edward Bruce Held
Acting Administrator

Enclosure



Plutonium Scope Elements and Near Term Costs

Main focus areas:

- * Equipping RLUOB to higher material limit
- * Re-purposing portions of PF-4
- * Starting pre-conceptual work on new modular space

Major Scope Element	General Scope Description	Detailed Scope Description	Near Term Cost (K\$)
RLUOB	RLUOB Startup Material at Risk modeling and optimization	Modify existing computer model for Analytical Chemistry processes in RLUOB, determine/optimize instrument selection, establish a MAR budget by instrument for the facility to use for long term planning.	1100
RLUOB	RLUOB facility elements for higher material limit under STD-1027	Activities to plan, procure, install and operate additional facility related equipment, materials and supplies required for RLUOB use at the higher material limit	4300
RLUOB	Analytical Chemistry MAR minimization technique development	Develop methods for reducing the amount of plutonium used for each instrument type in the RLUOB. Compare reduced MAR techniques with historical results to confirm feasibility of running RLUOB instrument with less material per run	3600
RLUOB	Install additional AC instruments into RLUOB	Assign design team for installation projects, initiate long lead procurements for hoods, gloveboxes and analytical instruments	2400
Planning and Integration	Planning Development	Conduct project planning and integration for major scope activities for PF-4, RLUOB and connecting infrastructure. Start NEPA planning effort for Pu strategy, conduct gap analysis between strategy and current NEPA documentation for CMRR project, LANL sitewide. Provide schedule estimates and links to key strategy activities sufficient for inclusion into FY 15 programming process	3000
PF-4 to RLUOB logistics	Tunnel planning & design	Startup design team for PF-4 to RLUOB tunnel, develop requirements and design options sufficient for cost estimation and FYNRP planning efforts	3000
PF-4	PF-4 D&D execution for under-used areas of the plant	Establish required designs for glovebox removal projects, Procure long lead oversize waste containers, establish decontamination teams and begin D&D efforts within PF-4 in order to support sample prep activities for the RLUOB at the higher material limit	20000
PF-4	PF-4 D&D execution for 2nd room	Establish required designs for glovebox removal projects, Procure long lead oversize waste containers, establish decontamination teams and begin D&D efforts within PF-4 in order to support sample prep activities for the RLUOB at the higher material limit	6700
Modular	Modular: pre-decisional programming support	Assemble a design team with engineering, authorization basis, electrical, ventilation, radiation protection and security representatives to establish requirements and develop pre-conceptual designs for cost and schedule planning.	900
MC/PF-4	Re-Locate Materials Characterization activities from CMR	Initiate the transfer of materials characterization equipment from the CMR facility into PF-4. Begin PF-4 D&D design, procure materials and supplies for glovebox removals, place long lead instrument orders	5000
Total			50000