



**Department of Energy**  
Washington, DC 20585

August 4, 2008

MEMORANDUM FOR DONALD METZLER  
FEDERAL PROJECT DIRECTOR  
MOAB URANIUM MILL TAILINGS REMEDIATION  
PROJECT

FROM: JAMES A. RISPOLI *JARispoli*  
ASSISTANT SECRETARY FOR  
ENVIRONMENTAL MANAGEMENT

SUBJECT: Approval of Performance Baseline Critical Decision-2,  
and Start of Construction, Critical Decision-3 for the  
Moab Uranium Mill Tailings Remediation Project

Based on the recommendation of the Environmental Management Acquisition Advisory Board (EMAAB) meeting on July 23, 2008, I approve the Performance Baseline and Start of Construction, Critical Decision-2 and Critical Decision-3 for the Moab Uranium Mill Tailings Remediation Project (CBC-MOAB-0031, Soil and Water Remediation) as follows:

Near-Term Performance Baseline:

Cost: \$195.7M  
Schedule: FY 2007 – FY 2012

Out Year Planning Estimate Range (OPER):

Cost: \$773M to \$809M  
Completion Schedule: FY 2027 – FY 2028

Project Scope and Key Performance Parameters (KPPs):

The project scope includes building the infrastructure at the Moab site to transfer nearly 16 million tons of mill tailings and other contaminated material from the Moab site, building the disposal cell at the Crescent Junction disposal site and transporting the material using rail as the primary transportation mode from Moab to Crescent Junction. The Key Performance Parameters for this project are: (1) build infrastructure to initiate material shipment by March 2009; (2) relocate approximately 2.5 million tons of material by September 30, 2012; (3) relocate the remaining 13.5 million tons of material by FY 2028; and (4) transfer the site



to the Office of Legacy Management. The estimated completion range could change if the level of available annual appropriations changes.

In a July 1, 2008, Report to Congress, entitled the Annual Funding Requirements for Moab Uranium Mill Tailings Site, DOE provided an estimate for the annual funding requirements for completing the remediation of the Moab site and removal of the tailings to Crescent Junction no later than FY 2019. If additional funding is provided, beyond that which is currently projected, consistent with the estimates in the report to Congress, the aforementioned near-term baseline and OPER will be reviewed.

With this approval, I expect you to take immediate action on the following two issues:

1. Bring the contract in alignment with the performance baseline within six months of the date of this approval.
2. Ensure that Energy Solutions Inc. obtains its EVMS certification by April 2009.

If you have any further questions, please contact me at (202) 586-7709 or Mr. J. E. Surash, Deputy Assistant Secretary for Acquisition and Project Management, at (202) 586-6382.