

DOC F 1386A

United States Government

Department of Energy

Rocky Flats Office

# memorandum

DATE: JUN 17 1993

REPLY TO  
ATTN OF: ERD:SG:06956

SUBJECT: Participation in EM-50 Technology Development Testing

TO: *RBK*  
Robert Benedetti, Associate General Manager  
Environmental Restoration Management  
EG&G Rocky Flats, Inc.

Rocky-Flats has the opportunity to participate in two projects that are being sponsored by the Office of Technology Development (EM-50). We must decide in the near future as to whether we can support these two projects. Regardless of whether or not we can support these two projects, we need to notify Headquarters soon.

The first opportunity is to bench scale test mobilization of plutonium/americium (Pu/Am) by adjusting steam chemistry. This project would be a spin-off of the Dynamic Steam Stripping program at Lawrence Livermore National Laboratory. Several meetings have been held with Headquarters staff and there is great interest. The Technical Task Plan (TTP) RF121101 for bench scale testing must be revised and resubmitted for funding authorization. Additionally, a new TTP for the pilot scale demonstration in FY94/95 must also be developed and submitted.

The second opportunity is to participate in testing of the VAXTRAX thermal desorption process testing. Surrogate testing would be followed with testing with contaminated materials. Preliminary information has been provided to your staff. A determination should be made as to whether or not we want to pursue participation in the testing of the VAXTRAX technology.

The revised TTP for the mobilization of Pu/Am and a recommendation on the VAXTRAX participation must be made in the near future or we may miss the opportunity to participate. If you have any questions, please contact Scott Grace of my staff at extension-7199.

*[Signature]*  
James K. Hartman  
Assistant Manager for Transition  
(and Environmental Restoration)

ADMIN RECORD

REVIEWED FOR CLASSIFICATION/UCNI  
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DATE: 8-9-93 *nu*

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