



UNITED STATES  
ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION  
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IMPLEMENTATION OF DBER-DMA RESEARCH PLAN FOR ROCKY FLATS HOTSPOT

Please proceed to take the lead in implementing the research plan contained in the letter, Liverman to Donnelly, of about February 28.

This plan is intended as guidance, not as an inflexible, detailed document. You are to make modifications in the interest of better returns, especially after receiving laboratory input. Clear changes with me.

You will want to work closely with Slade on the atmospheric aspects of the work, including those of prediction of air concentrations of item 9.

You should aggressively culture the item 6 proposal and cooperation of Les Fraley at about the 31K level. Plan to go for administrative approval on this one because of the timing.

Please have Fraley provide the consultation soon on reclamation, item 5.

You will want to work with Franklin and Harley to assure adequate soil characterization. Please coordinate the soil collection and banking, and consider the future provision of soil samples from a homogenized master to future research programs.

You should arrange for the vegetation and snow pattern mapping within existing programs. You should also make arrangements with some group to correlate these data with soil concentrations, and with some group to perform an error analysis of the isopleths.

You should assume that offsite research efforts which do not have an immediate urgency, such as pollens as vectors, needle ice, etc. will first pass Research Committee and compete with other proposals for new money.

The DBER onsite effort should require minimal funds in order to respond to DBER's responsibility under this plan. They are: (1) Support of Dr. Tamura of Oak Ridge to help characterize Pu in Rocky

AAG 3/26/96  
36316

Flats soil, 10K; (2) Support of Dr. Nickols of Colorado University on pilot pollen-Pu study, 10K; and (3) Support of statistical analyses comparing Pu distribution as related to isopleth versus mosaic patterns, 3K.

Please see that this research is integrated and compatible with other ongoing environmental research, monitoring, and environmental management efforts at Rocky Flats.

DMA intends to reimburse us or LLL for LLL manpower devoted to the dress rehearsal and isopleth mapping. This and other reimbursable may come to 50K. In addition, DMA intends to arrange for the field support and plutonium analyses. I have given Bean permission to work directly with Wilson in discussing this role and costs, but I expect you to be made privy to these discussions.

Note that the Liverman letter requires my involvement with special problems that cannot be handled at the technical level.

Neither this letter nor any other action by me is to be considered a retreat from my personal conviction that an adequate environmental assessment is essential before the soil is moved.



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cc: Earl W. Bean, RFAO ←  
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