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Bechtel National, Inc.
ATTN: Mr. R. L. Rudolph
PO Box 350
Oak Ridge, TN 37830

Gentlemen:

CRITERIA FOR REMEDIAL ACTION AT ACID/PUEBLO AND BAYO CANYONS; REQUEST FOR COST/BENEFIT ANALYSES OF REMEDIAL ACTION OPTIONS AT THE CANYONS

Enclosed are several pieces of correspondence related to Acid/Pueblo and Bayo Canyons. First, EP has concurred with the remedial action criteria for the New Mexico sites that were proposed to them on August 20, 1981 (with the addition of a criterion for Pu-239 added October 20, 1981). In summary, the criteria will be:

Radionuclide	Soil Limit (pCi/g)
Sr-90	100
Cs-137	80
Th-228	50
Th-230	280
Th-232	20
U-234	40
U-238	40
Pu-239	100
Pu-240	100
Pu-241	800
Am-241	20

The memorandum from RAPO to TSD that transmitted the EP and LANL correspondence includes a request that cost/benefit analyses be performed on the various proposed options being considered for the two New Mexico sites. Particular attention should be given to how previous estimated costs for Acid/Pueblo will be affected by EP's recent designation of only one relatively small section of the Canyon for remedial action.

As discussed with you on March 11, you are requested to develop an approach for the analyses that can be used for other FUSRAP sites as necessary. Please

CONCURRENCE
RTG SYMBOL SE-35
INITIALS/SIG KFHarer
DATE 3/12/82
RTG SYMBOL SE-35
INITIALS/SIG ELKeller
DATE 3/17/82
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coordinate this work with Kathleen Harer of my staff. RAPO anticipates that these analyses should each be only a few pages in length. However, they should adequately summarize all relevant costs and benefits associated with each option.

Sincerely,

Harer

for E. L. Keller, Director
Technical Services Division

SE-35:KFH

2 Enclosures:
Memo fm. Mary White dtd. 3/3/82
Memo fm. Mott dtd. 2/23/82

cc w/o encls:
W. Hansen, LANL
R. Vocke, ANL
M. White, DOE-HQ
V. D'Amico, AMSE

SE-35:KFHarer:tw:64450:3-12-82

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