0045

State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

April 20, 1994

Mr. Val Payne
Sr. Environmental Engineer
PacifiCorp
P.O. Box 1005
Huntington, UT 84528

Re: East Mountain Probably Hydrologic Consequences Review (PHC), PacifiCorp, Des-Bee-Dove Mine, ACT/015/017, Deer Creek Mine, ACT/015/018, Cottonwood/Wilberg Mine, ACT/015/019, Folder #2, Emery County, Utah

Dear Mr. Payne:

As a result of the proposed additional lease extension for the Deer Creek Mine and the large volumes of mine water encountered in 1990, PacifiCorp was ordered by the Division to update the current PHC to reflect current information. Several submittals were received and reviewed between 1990 and 1992. On May 15, 1992, the Division sent PacifiCorp a review of the Deer Creek Mine's PHC, which enumerated concerns and additional information was requested. A response was received on March 31, 1993 and this is the evaluation of that submittal. (This evaluation does not include information for the Rilda Canyon Lease Extension, submitted February 8, 1994.)

Deficiencies relative to the East Mountain PHC are enumerated as follows:

1) Data needs to be completed and submitted for the packer/slug tests of all the drill holes now included as part of the groundwater monitoring program. Please submit all of the requisite data.

2) The permittee committed to collect and analyze macroinvertebrate population data associated with the Deer Creek Mine emergency bypass. This report needs to be submitted and included as part of the PHC.

3) The spring inventory sheets for Spring 91-72, 91-83 (Willow Spring), Cottonwood Spring and Roan's Spring must be submitted and included as part of the PHC.

4) The Cottonwood Canyon drill logs all show alluvial deposits in the canyon to be between 110 and 120 feet, whereas the resisitivity survey depicts the alluvium to be about 45 feet deep. This discrepancy must be clarified.

Please submit your responses to these deficiencies for inclusion in the PHC. If you have any questions, please call me.

Sincerely,

Pamela Grubaugh-Littig
Permit Supervisor

cc: Daron Haddock
Ken Wyatt