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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

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

June 5, 1997

TO: File

THRU: Daron Haddock, Permit Supervisor

FROM: James D. Smith, Reclamation Specialist JDS

RE: Annual Report Review - Hydrology, PacifiCorp, Des-Bee-Dove, ACT/015/017, Deer Creek, ACT/015/018, Cottonwood/Wilberg Mines, ACT/015/019, File 2, Emery County, Utah.

The Annual Hydrological Monitoring Report for PacifiCorp's East Mountain properties, which are DesBeeDove, Deer Creek, and Cottonwood/Wilberg Mines, was received May 1, 1997. Climatological data are on pages 4 to 14. The report includes monthly precipitation data for East Mountain, Electric Lake, and the Hunter and Huntington Plants from the time operations began at each site. Data for water-year 1996 from Electric Lake and East Mountain are complete, but 1996 data for the Hunter and Huntington Plants are incomplete. Monthly average temperatures for the four stations are also reported.

Quarterly water-quality monitoring results are summarized in the text of the report, with lab sheets included in the appendices. Tables also provide summaries for previous years. Analyses have previously been done for total metals, except additional analysis was done for dissolved iron. With the 1996 data, analyses are being done for dissolved metals except additional analyses are being done for total iron, total manganese, total calcium, total magnesium, total potassium, and total sodium.

Water level and flow measurements are in Appendices A and P.

The water monitoring and climatology data in the Annual Report are sufficient.

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