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**utah  
power**

& LIGHT COMPANY  
MINING DIVISION  
P.O. Box 310  
Huntington, Utah 84528



December 1, 1988

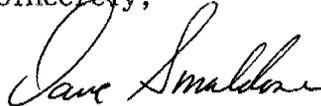
DIVISION OF  
OIL, GAS & MINING

John Whitehead  
Permit Supervisor  
State of Utah  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Mr. Whitehead:

Submitted to you are revised Pages 4-37.1 and 4-37.2 with a revision date of 12/1/88 for the Deer Creek Mine Permit Document. These pages should eliminate inappropriate statements regarding the Hydrologic Monitoring Program and satisfy UMC 817.52 "Hydrologic Monitoring" for the Mid-term Review. If you have any question, please call.

Sincerely,



Dave Smaldone  
Director of Permitting,  
Compliance and Services

DS/do  
Enclosure

UMC 784.14 - RECLAMATION PLAN: PROTECTION OF HYDROLOGIC BALANCE

The following is a summary of the hydrologic monitoring schedule that will be utilized for the Deer Creek, Cottonwood/Wilberg and Des Bee Dove Mines. The area in general encompasses East Mountain. The Hydrologic monitoring schedule includes current mine workings, subsided areas and areas where mining is projected during the next five years.

Regarding in-mine monitoring, Utah Power & Light Company, in accordance with its established hydrologic monitoring program collects data regarding groundwater inflow at each established location on a quarterly basis. Because conditions and access in each mine are ever changing, many of the sites that were specified in the PAP to be monitored are now inaccessible. Because of this and the likelihood that areas that are currently monitored will, at some point in the life of the mine, become inaccessible to monitoring, it is important that our in-mine monitoring be flexible to adapt to these changing conditions. Therefore, UP&L commits to monitoring all water inflows exceeding 5 GPM flow in long-term development entries at their point of entrance to the mine until, 1) they become inaccessible, 2) they become unfeasible to monitor with a permanently installed collection devise, or 3) it is mutually agreed by the Division and UP&L that monitoring of the location is not needed. When conditions, as stated above, make a location inaccessible or unfeasible to monitor, UP&L shall notify the Division in writing to request deletion of the monitoring site. UP&L shall also notify the Division as new monitoring sites are added to the program. The current in-mine monitoring locations are shown on Maps 2-10 "Blind

Canyon and Cottonwood In-Mine Water Monitoring Locations" Drawing No. CE-10533-DR dated 9/4/86, and Map 2-10B "Hiawatha Coal Seam In-Mine Water Monitoring Locations" Drawing No. CE-10532-WB dated 9/4/86. These maps will be updated with the submittal of the "1989 Annual Hydrologic Monitoring Report" to be submitted during the first quarter 1989.

The total discharge from the Deer Creek Mine shall be monitored on a monthly basis. Where feasible the quantity of water pumped from individual sumps or areas of the mine will be recorded separately and summed for total discharged.

UP&L shall also establish three water monitoring drill holes which penetrate down into the Starpoint Sandstone in the area of 3rd North and First West mains in the Deer Creek Mine. These holes shall be monitored for water levels and quality, if obtainable, on a quarterly basis until they become inaccessible or it is mutually agreed between UP&L and the Division to discontinue monitoring.