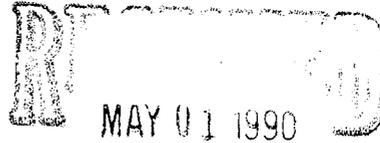


**utah**  
**power**  
& LIGHT COMPANY  
MINING DIVISION  
P.O. Box 310  
Huntington, Utah 84528

file ACT/015/018-90D  
#2

April 27, 1990



DIVISION OF  
OIL, GAS & MINING

Ms. Pamela Grubaugh-Littig  
Permit Supervisor  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Request for Amendment to Permit Application Package, Utah  
Power and Light Company, Deer Creek Mine, ACT/015/018,  
Folder #2, Emery County, Utah

Mine Water Discharge Deer Creek Portal

Dear Pam:

With the increased amounts of water being developed in-mine it has become necessary for Utah Power and Light Company to apply an amendment to its UPDES Permit #UT-0023604 to allow for two mine water discharge locations at the Deer Creek and Meetinghouse Portals.

After meeting with the Health Department it appears that acquiring a Discharge Permit for the Deer Creek Portal can be realized within 2 weeks. Therefore, this submittal is simply requesting approval to bury an 18" pipe line running parallel with the conveyor belt for approximately 330' from the mine water discharge building to the undisturbed drainage culvert located east of the mine office parking lot.

The Meetinghouse discharge request will be filed separately.

Transmitted herewith are seven (7) copies of our plan for amending the Deer Creek Permit Application Package. These materials should be used to update the approved PAP as follows:

Replace Pages 3-31, 3-47, 3-48 and 4-3 with pages 3-31, 3-47, 3-48, 3-48.1 and 4-3 revised 4-27-90.

Replace Drawing DS202E in map packet 3-9 with Drawing DS202E revised 4-27-90.

Drawing DS1223A is submitted to provide further information for

your understanding of the proposed project. This drawing is not a part of the PAP.

The initial discharge into the undisturbed drainage will be approximately 2000 gpm or 4.5 cfs. The 18" pipe will allow us to discharge up to 10,000 gpm. The existing capacity in the culvert system as per the calculations in the PAP Appendix section indicates a capacity of 936 cfs. The runoff calculated for a 50 year/24 hour storm event is 917 cfs. Based on the 10 year/24 hour criteria the calculation for this area is 551 cfs as referenced in the PAP. Utilizing this criteria, the additional discharge water of 10,000 gpm (23 cfs) would not exceed the parameters of the 10 year/24 hour event.

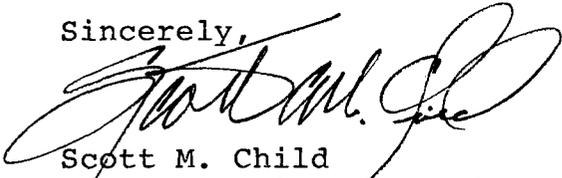
For further clarification, Deer Creek has been discharging its mine water to the Huntington Plant. Increased amounts of water developed in-mine are more than the Plant can handle. Without inundating the mine, it has become necessary to discharge into the canyon the excess water not being sent to the Plant.

Reclamation costs are estimated to be \$4,000 which is less than 0.3% of the total reclamation and bonding costs. Therefore, no revisions have been made to the itemized reclamation cost schedule in the PAP.

It is requested that the Division's review of the proposed amendment be completed by May 7, 1990. As supplemental information, enclosed is a copy of UP&L's application to amend UPDES Permit #UT-0023604.

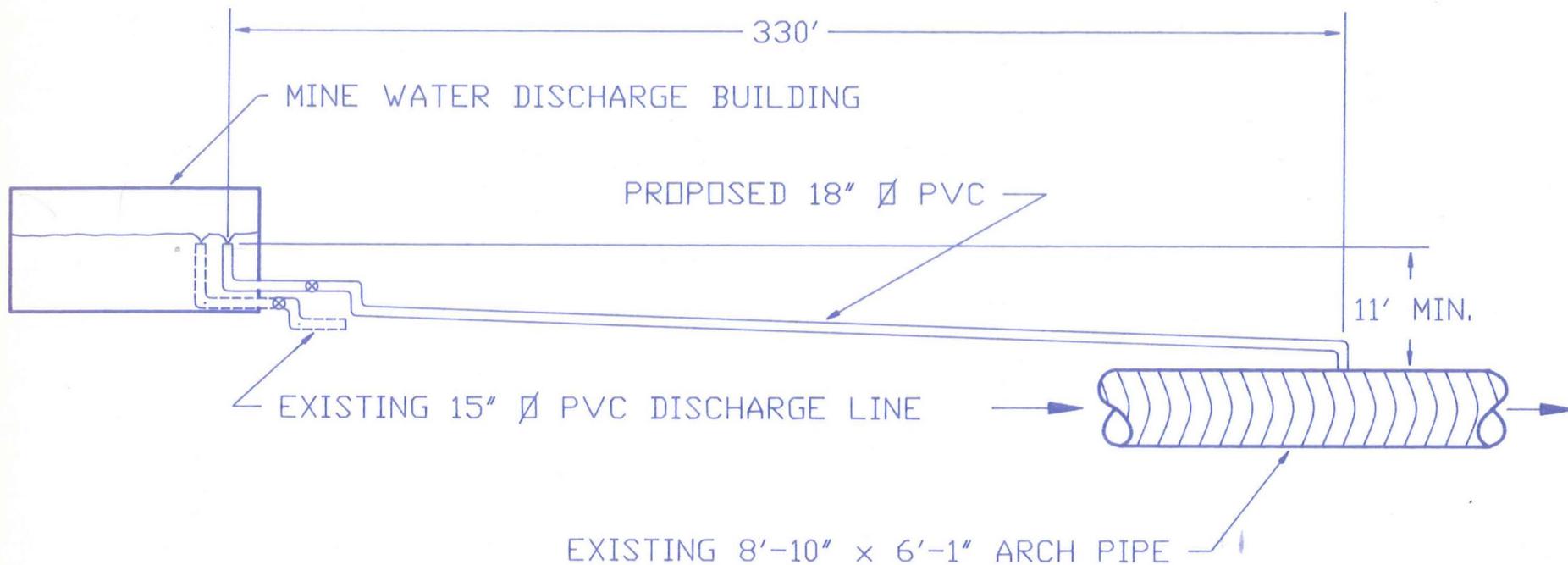
If you have any questions please contact me at 220-4612 or Val Payne at 687-9821.

Sincerely,



Scott M. Child  
Senior Compliance Land Status Analyst

SC/do  
Enclosure



CAD FILE NAME/DISK#: DCMWD KL4

UTAH POWER & LIGHT  
MINING DIVISION

P.O. BOX 310, HUNTINGTON, UTAH 84028

DEER CREEK MINE  
PROPOSED 18" Ø PVC  
DISCHARGE LINE

DRAWN BY: K. LARSEN

DSI223A

SCALE: NONE

DRAWING #:

DATE: 4-25-90

SHEET 1 OF 1

REV. \_\_\_