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July 27, 1978

File Copy  
Act 1015/018-B

Mr. Don Crane  
Office of Surface Mining  
Region Five  
Old Post Office, Downtown  
1823 Stout Street  
Denver, Colorado 80305

Re: Utah Power and Light  
Wilberg Mine

Dear Mr. Crane:

Utah Power and Light is in the process of finalizing plans to construct sediment treatment facilities at their Wilberg Mine in Emery County, Utah. The plans copied to you with this letter represent their sediment control concept and are not final construction plans. The Utah Division of Oil, Gas, and Mining concurs with the plans, but approval of said plans will not be issued until construction plans are submitted and reviewed for compliance. We would like someone from your office to review the plans and point out any potential problems. If we have not received comment from your office by August 11, 1978 we will assume that there is concurrence and Utah Power and Light Co. can complete their construction plans for submittal.

The diversion that conveys runoff from undisturbed areas under the surface facility pad is designed for the 50 year event and has been redesigned so that it now extends below and past the sedimentation ponds.

In some areas runoff from undisturbed areas will cross cut slopes that will be hydroseeded and the runoff will not be treated or passed through a sediment pond. The Division feels that the construction of diversion ditches above these slopes would cause more disturbance and subsequent erosion than is justifiable. It is unlikely that additional contributions of suspended solids to streamflow, or to runoff outside the permit area will occur.

The two sediment ponds are designed to hold runoff resulting from the 10 year, 24 hour storm. The Division hydrologist has checked the runoff estimate and concurs with Utah Power and Light. Additional sediment storage volume is only 0.07 acre-feet for each for each acre draining into the ponds due to severe space limitations. The Division feels this is adequate

Mr. Don Crane  
July 27, 1978  
Page 2

if Utah Power and Light commits to a high level of maintenance. Outlet and spillway plans are not yet complete.

Utah Power and Light has met with this office several times concerning sediment control at the Wilberg Mine. This concept is the result of the interaction between us. Thank you for your help and cooperation.

Sincerely,

RONALD W. DANIELS  
COORDINATOR OF MINED LAND DEVELOPMENT

RWD/sp

cc: Utah Power and Light  
P.O. Box 899  
Salt Lake City, Utah 84110