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STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
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355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 13, 1988

Mr. Jack Blonquist  
Summit Coal Company  
P.O. Box 646  
Coalville, Utah 84017

Dear Mr. Blonquist:

Re: Permit Modification Requirements for the Boyer Mine MRP, Summit Coal Company, Boyer Mine, ACT/043/008, Folder #2 and #3, Summit County, Utah

The Division has become aware of several modifications that are required for the Boyer Mine Mining and Reclamation Plan (MRP). The modifications are largely the result of unexpected occurrences at the site noted during the recent Division inspection. The modifications should be prepared for direct insertion into the the existing MRP. The required modifications are as follows:

1. Designs and documentation that the existing sedimentation pond can adequately treat the mine discharge water and the design precipitation event (10 yr. - 24 hr. event). If the pond cannot adequately treat the discharge, an alternate plan should be submitted to treat the water in the mine and obtain a direct discharge permit for that discharge point.
2. Plans for the temporary 2-inch bypass line located in UD-1. The plans should state that the line will only be in place until a permanent bypass culvert can be installed.
3. Plans to install a bypass culvert in UD-1 for the entire length of the disturbed area. These plans should commit to installation of the culvert prior to July 30, 1988.

4. Revisions to the disturbed area maps for the area disturbed during the recent efforts to suppress the in-mine fire. The bonding amount should be revised. Plans should incorporate temporary sedimentation control measures for the area and reclamation and revegetation measures.
5. If the water produced in the mine is to be treated in the existing sedimentation pond, the Division feels the riser pipe in the spillway should be replaced with a non-perforated pipe. This would increase the treatment capacity of the pond and minimize discharge events from the pond.
6. Plans for the sedimentation pond show discharge from the outlet of the spillway to the highway road culverts. The current diversions appear to be inadequate to handle the design event. Previous to the mine water discharge, this was not a concern due to the extremely overdesigned nature of the pond. However, with the mine water discharge, the likelihood of the sediment pond design discharge event occurring has increased.

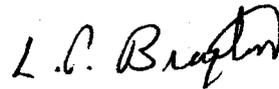
It appears the discharge may pond in a low elevation at the west end of the entrance access road culvert. This ponding could affect traffic on the county highway. It appears a solution to the ponding would be the installation of a culvert across the highway at this location. The County Engineer should be contacted and consulted regarding this concern.

7. Maps should be modified to remove the drop drain located at the outside of the exit road near UD-1. This drain does not exist onsite.
8. A commitment should be submitted to reclaim the powder magazine area this season.
9. Maps should be updated and modified to depict the current conditions at the site. These should include: delineation of the small area exemptions, locations of all treatment structures (i.e. straw bales), location of the mine water discharge point, the delineation of the buffer zone created around the entrance to UD-1, depiction of a culvert for the full length of UD-1, and the disturbance associated with control of the mine fire.

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Mr. J. Blonquist  
ACT/043/008  
June 16, 1988

Eight copies of the modifications should be submitted. Please submit the modifications prior to July 30, 1988. If you have any questions on these matters, please feel free to call.

Sincerely,



L. P. Braxton  
Administrator  
Mineral Resource Development  
and Reclamation Program

RPS:djh  
cc: S. Linner  
R. Summers  
6000R/64