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October 7, 1981

Mr. Melvin A. Coonrod  
Environmental Coordinator  
Plateau Mining Company  
P. O. Drawer PMC  
Price, Utah 84501

RE: Review of Proposed Lion  
Deck Refuse Bin Plan  
Starpoint Mines  
ACT/007/006  
Carbon County, Utah

Dear Mr. Coonrod:

Upon review of your proposed plan for the Lion Deck refuse bin, the Division staff has found that the plan as submitted is inadequate. The mining staff feels that the following items need to be addressed before the plan is approved.

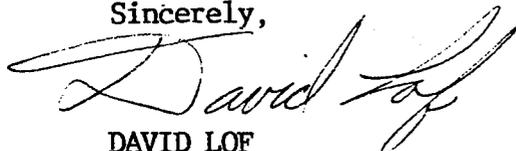
1. A topographic map is needed which shows the refuse area in relation to the Lion Deck, it should also illustrate the watershed area to be drained by the 15-inch culvert and downspout.
2. Sizing calculations are needed for the diversion ditch, culvert and downspout.
3. An inventory needs to be made of the type of materials used in the mine operation which may be stored in the refuse bin and the approximate amount of these materials. Materials which are of particular concern are those which may be toxic, acidic or combustible in nature.

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4. If there are any toxic or acidic materials which are going to be stored in the bin, it is necessary to design the bin in such a manner as to prevent the degradation of surface and ground water by water which has come in contact with the toxic and acidic materials in the bin. It is suggested that the bin have a concrete pad as a base and that the pad and walls be lined or sealed to prevent leachate from degrading surface and ground water. Furthermore, it is suggested that the bin be designed so that it will impound water or fluids which come in contact with the disposed materials. These fluids will need to be properly disposed of, each time the solid materials are hauled away to the approved disposal area.
5. How often are the materials going to be hauled away? How are the materials going to be hauled and to where is it going to be hauled?
6. How is the berm going to be constructed so that equipment can get to the bin when materials need to be hauled away without breaching the berm?
7. What are the plans for the rest of the area within the berm, "depressed area?" How is runoff on this small area going to be treated?
8. Is the reclamation bond of adequate size to provide for the refuse bin area?
9. Is the slope, directly above the proposed refuse bin, stable?
10. Is there adequate fire protection?

In general, it is necessary for the operator to be cognizant with those regulations dealing with hydrologic balance and noncoal waste as found in the regulations. The Division appreciates Plateau's prompt response to those problems on the minesite which had been identified. If you have any questions concerning this letter or any other matter, please do not hesitate to call me or D. Wayne Hedberg.

Sincerely,



DAVID LOF  
RECLAMATION OFFICER

cc: Tom Ehmett, OSM  
Wayne Hedberg  
Jim Smith

DL/btm