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SALT LAKE CITY, UTAH 84116

June 1, 1978

Mr. Steve Rigby:
Plateau Mining Company
P.O. Drawer PMC
Price, UT. 84501

Dear Mr. Rigby:

I have reviewed your plan for the extension of the Lion Portal Deck. It appears to me that the location of the extension off to the side of the canyon, out of the drainage, would cause it to be classified as a side-hill embankment which is exempt from head of hollow design considerations.

As it is a new fill, I do think that the design should incorporate one or more keyway cuts near the toe of the fill slope to help tie the fill into the natural slope. When the fill is completed, a number of terraces should be built on the fill slope of the entire deck. These should not exceed 20' in width and should drain freely laterally to the fill perimeters. A berm should be maintained along the outer perimeter of the deck to prevent drainage and debris from going out over the fill slopes. The drainage from the area above the deck and from the deck surface should be diverted away from the deck and discharged at outfalls which are stable and non-erosive. The temporary diversions should be designed to pass the 2-year, 6-hour precipitation event (1.0"). The fill slopes should be reseeded as soon as possible to stabilize them.

The design of this facility should be detailed by a registered professional engineer describing utilization of the above suggestions and addressing all applicable parts of 715.15 (a) of the OSM interim regulations. For our purposes, a registered P.E. is not required under 715.15 (a) (9). The compaction efforts should be described and all information on the MESA variance and available mass stability estimates submitted with the final design.

The final design of this facility will not be approved until the detailed design and construction information is submitted to this office.

Sincerely,

Brian W. Buck /tlb

BRIAN W. BUCK
ENGINEERING GEOLOGIST

/tlb

PLATEAU MINING COMPANY

A SUBSIDIARY OF UNITED NUCLEAR CORPORATION

Producers & Sellers of Utah Low Sulphur Coal

P.O. Drawer PMC

Price, Utah 84501

Phone 637-2875

May 15, 1978

Mr. Ron Daniels
State of Utah
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

Dear Mr. Daniels:

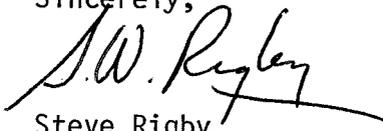
As per our conversation on May 12, Plateau Mining Company is notifying your office of its intent to commence construction on the extension of the Lion Portal Deck.

The total area of the site extension is located on land held in fee. Construction will be done by means of the same conventional methods of material handling used in constructing the existing deck - blasting and earth moving equipment. Stability will be achieved as before by compacting unconsolidated material. The final elevation of the deck extension will be near the present deck elevation. The enclosed print indicates the approximate final perimeter of the total deck.

Please inform us if the plans submitted are sufficiently within construction standards.

Should any questions arise in this regard, please do not hesitate to call.

Sincerely,



Steve Rigby
Mine Engineer

SWR:aj

Enclosure

