STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

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July 6, 1982

HC1/0015/017

TO: Tom Tetting

FROM: Tom Portle TLP

SUBJECT: Proposed Expansion of Mercur Canyon Project

DATE: July 6, 1982

Rule M-10(14)

As indicated in the applicants March 22, 1982 letter, the anticipated total disturbance has increased from 272 acres to 475 acres. However, the acreage alloted for topsoil stockpiles has not increased. Will additional space to accomodate salvagable topsoil be required or does the applicant plan to increase the depth of storage at the current stockpiles thus confining the storage to the original acreage? Please indicate which of these options will be pursued. If additional acreage is required, how much? If depth will be increased:

1. What is the anticipated final depth?

2. What will be the slope of the stockpile?

3. How will stability be assured?

4. The applicant may wish to provide topsoil stockpile configurations and cross sections. Will terraces be employed?

The applicant indicates that three topsoil stockpile areas exist. Which of these are currently in use? Once a stockpile is established and protected and revegetated, it is usually not desirable to disturb it prior to its redistribution. Given the sequence of activities associated with the disturbance attendant to the proposed expansion, how will stockpiling activities be correlated to stockpile locations to minimize the disturbance of existing, protected topsoil stockpiles?

Also, an estimate of the volume of soil stated for redistrubution is necessary for those areas indicated in the approved plan under the Reclamation Schedule (Abandonment). Information should be provided regarding anticipated expansion of acreage and depths of intended replacement for each area. What is the current volume of topsoil available after soil has been salvaged from the areas associated with the revised estimates for acreage disturbed? Given the projected acreage for reclamation and the anticipated volume of storage will there be adequate soil available to conduct reclamation plans? In the event of a topsoil deficit from where will deficit soil materials be obtained?

TP/mn

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