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State of Utah

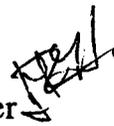
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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March 6, 1991

TO: Daron Haddock, Permit Supervisor

FROM: Randy Harden, Sr. Reclamation Engineer 

RE: **Amendment, New Substation, SUFCO, Convulsion Canyon Mine,
ACT/041/002-90F, Folder #2, Sevier County, Utah**

Summary:

A proposed amendment for the addition of a new substation was received by the Division on November 9, 1990. The operator proposes to add the new facility on the southwest end of the existing parking lot. The construction of the new substation will increase the disturbed area by approximately 0.27 acres. Additional information responding to deficiencies found in the November 9, 1990 submittal were received by the Division on February 19, 1991. This memo addresses that additional information.

Analysis:

The operator has identified the source of the fill material needed to construct the substation pad. This additional material will be collected from a commercial supplier and the waste rock disposal site. Upon reclamation the operator will relocate the fill material to the waste rock disposal site.

The cost estimate provided by the operator indicates that the cost for reclamation work involving the new substation is approximately \$100,000.00. In proportion to the existing disturbed area the increase in cost will be nominal. Contingencies incorporated into the existing bond amount should be sufficient at this time so as not to require an increase in the bond amount. Consequently, no additional bond will be required by the operator for the approval of this amendment. However, in conjunction with the 5-year permit renewal, the operator will be required to submit a detailed reclamation cost estimate for the entire facilities which will include the new substation area reclamation.

Map 83-2 clearly indicates the disturbed area for bonding and show the new substation facilities to be within that boundary.

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Recommendations:

Approval of the proposed new substation facilities is recommended with the following conditions:

1. Information provided in the amendment be incorporated into the text of the mining and reclamation plan and the cost estimate information be incorporated into the reclamation cost estimate at the time of permit renewal. At such time, bond for the facility will be revised and incorporated into the surety for the Sufco operations.