0016

SCOTT M. MATHESON
Governor

TEMPLE A. REYNOLDS
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
EDWARD T. BECK
E. STEELE McINTYRE
BOB NORMAN
MARGARET BIRD
HERM OLSEN

September 15, 1981

#0367513

REGISTERED - RETURN RECEIPT REQUESTED

Mr. Ron Thompson
Consolidation Coal Company
P.O. Box 527
Emery, Utah 84522

RE: Approval for Repair Work to
Christiansen Wash Embankment
Emery Deep Mine - ACT/015/015
Emery County, Utah

Dear Mr. Thompson:

Pursuant to your phone call on September 14, 1981, requesting approval for repair work needed following a 50-year flood event on September 8, 1981, the Division recognizes the emergency status of the Emery Deep Mine and grants approval for the following activity with the below listed stipulations and necessary regard to the performance standards in UMC 817.

Repair work will consist of stabilizing the fill slope along Christiansen Wash with riprap from the fan past the tipple area to the bridge and confluence with Quitchupah Creek. Rock material to be used as riprap will be sandstone removed from a portion of the slope above the auxillary coal stockpile/noncoal waste storage area proposed for portal development into the I seam. A condition for approval of this acitivity is compliance with the following stipulations:

1. Submit plans to the Division no later than September 25, 1981, that adequately address the requirements of UMC 784.13 and 784.22 and pertinent performance standards in UMC 817.

2. Rock removal activity is limited to that portion of the slope delineated in the future portal area of the coal storage (31A)/ waste disposal area (34A) on plate 3-2 (Mine Facilities Map A) of the permanent mine plan received March 23, 1981.

3. If blasting is necessary for rock removal, relocate the explosives magazine currently placed adjacent to the proposed activity. Meet all pertinent requirements of UMC 817.61-68.

4. Cut slopes shall not be steeper than 1v:1.5h in unconsolidated materials or 1v:0.25h in rock, except that steeper slopes may be authorized by the Division, if geotechnical analysis demonstrates that a minimum safety factor of 1.5 can be maintained.

5. All erodible surfaces disturbed in the activity will be revegetated with an approved seed mix and methodology as required in UMC 817.111.

6. As discussed in the permanent mine plan (6.5.5.2), the gypsiferous shale overlying the coal bed in the portal area is very saline and highly concentrated with some toxic elements. This material should be handled in accordance with UMC 817.48, 817.103 and Division approval, if penetrated by this activity.

7. Rock material will be used as riprap in lining the section of Christiansen Wash described above as necessary to control erosion and insure embankment stability with infrequent maintenance as required in UMC 817.44(b)(1).

8. Maintain riparian vegetation on the banks of the stream channel as possible to comply with UMC 817.44(d)(1).

If upon an on-site inspection additional concerns are evident, adequate mitigation measures may be required by the Division. Division members commend Consolidation Coal Company for their foresight and efforts toward environmental protection. If you have any questions or concerns regarding this approval please contact either myself or Sandy Pruitt without hesitation.

Sincerely,

JAMES W. SMITH, JR.
COORDINATOR OF MINED LAND DEVELOPMENT

JWS/SP:te

cc: Don Crane, O.S.M.
Inspection Staff