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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 5, 1986

LE CO

Mr. Charles H. Gent, Jr.
Genwal Coal Company
P. O. Box 1201
Huntington, Utah 84528

Dear ~~Mr. Gent~~ Charlie:

Re: Approval, Mid-Term Permit Review and Updated MRP, Crandall Canyon Mine, Tract 1, ACT/015/032, Folder No. 2 and 4, Emery County, Utah

The Division has reviewed materials submitted in response to the mid-term permit review process. The Division finds that approval can be given to the Mining and Reclamation Plan as updated through July 14, 1986, with Genwal's written acceptance of the attached stipulations. The stipulations written for the partial approval of the sediment pond construction (letter date July 2, 1986) are also incorporated into this approval by reference and must also be accepted in writing before any construction work begins.

Please feel free to contact myself or Lowell Braxton if you have questions. It would be appreciated if you would also contact the Division when you are ready to begin construction.

Best regards,

Dianne

Dianne R. Nielson
Director

SCL:jvb
cc: R. Holbrook
K. May
L. Braxton
S. Linner
B Team
0028R-30

FINDINGS

Mid-Term Permit Review
Genwal Coal Company
Crandall Canyon Mine, Tract 1
ACT/015/032
Emery County, Utah

August 5, 1986

1. The Mining and Reclamation Plan (MRP) has been updated and consolidated by submittals up through July 14, 1986, into a complete and coherent document.

2. The consolidated MRP has been reviewed thoroughly and been found to comply with current Division of Oil, Gas and Mining (Division) policy and regulations.

3. Division staff have compared the submitted plans for surface facility construction with on-site conditions and find the plans feasible and technically up to date.

4. Reclamation bonding requirements will be recalculated based upon the new surface facilities design (see Stipulation UMC 800-(1)-JRH). A bond in the amount of $136,729.00 is currently on file. The proposed surface disturbance under the new surface facilities plan is less than that originally permitted.

Susan C. Linner
Permit Supervisor

Dianne R. Nielson
for Associate Director, Mining

Samuel P Brufton 8-5
Administrator, Mined Land Development and Reclamation Program

Dianne R. Nielson
Director

APPROVED AS TO FORM

Barbara W Roberts
Assistant Attorney General

0028R-55

STIPULATIONS

Mid-Term Permit Review
Genwal Coal Company
Crandall Canyon Mine, Tract 1
ACT/015/032
Emery County, Utah

August 5, 1986

Stipulation UMC 783.25-(1)-DC

1. The operator must submit a comprehensive map showing the locations of all surface and ground water monitoring points within 30 days of this approval. This map should include the monitoring well, proposed monitoring wells, and the sediment pond embankment piezometer.

Stipulation UMC 788.12-(1)-SCL

1. Any necessary changes in design or construction of surface facilities due to on-site conditions shall be submitted to the Division as amendments to the Mining and Reclamation Plan and must be approved prior to implementation.

Stipulation UMC 800-(1)-JRH

1. Within 30 days from the date of approval of the mid-term review, the Operator shall submit to the Division a complete and detailed cost estimate for the reclamation of the site. The detailed cost estimate shall include the following information:

    a. Mass balance calculations for earthwork and topsoil distribution, quantities, equipment selection, and productivity and cost estimates for all phases and aspects of the work required for reclamation.

    b. Calculations for the reclamation work to be accomplished shall include references as to the source of the information used and the date or dollar year on which the estimates are based.

    c. A map(s) to be used as Exhibit "A" to the surety bond which shows the boundaries of all areas to be disturbed. This shall include the permanent waste disposal facilities, all road cuts and fills and the topsoil stockpile storage locations. The map(s) must be certified correct to serve as a legal description of the disturbed areas for the reclamation bond.

Stipulation UMC 817.43-(1-2)-RPS/DC

1. The applicant must submit complete and technically adequate plans for the reclamation of channels RD-1 through RD-6 within 30 days of permit issuance. The applicant must obtain Division approval for these designs within 90 days of permit issuance.

2. Upon completion of the excavation phase for the construction of diversions DD-1 through 8 and UD-2, the operator must arrange an onsite evaluation of the channel conditions with Division Hydrologists. Designs for channel stability measures for all reaches of the diversions that are determined to be of insufficient channel roughness (based on the onsite evaluation) to meet the proposed design specification must be submitted to the Division within 20 days of the onsite evaluation.

Stipulation UMC 817.71-(1)-JRH

1. Within 30 days from the date of the approval of the mid-term review, the Operator shall submit to the Division a detailed set of plans for the location, installation, operation and reclamation of a non-coal waste disposal facility to be included within the mine permit area and disturbed area boundaries. The Operator shall promptly review and respond to any deficiencies found by the Division in the plan. Upon completion of the 60 day public notice and review period required for a modification to the Mining and Reclamation Plan, the Operator shall have responded to all public and agency concerns regarding the plan and the modification shall be made complete and adequate within 30 days after the closing date of the public notice.

   No permanent disposal of non-coal waste material, sediment pond waste, coal spoils, or coal processing waste shall be made by the Operator until such time as the above modifications are approved. The Operator shall store all such material within the temporary waste storage facilities as shown on Plate 3-1 of the MRP. This condition does not apply to trash and garbage or other such materials which are approved by the Division for disposal in the approved sanitary landfill.

jvb
0028R-32