

Appendix 3-3

USGS Letter of Approval

3-3  
Letter of Approval  
Feb. 10, 1988

Genwal Coal Company  
P.O. Box 1201  
Huntington, Utah 84528  
September 24, 1981

United States Dept. of Interior  
U.S. Geological Survey  
District Mining Office  
1745 West 1700 South  
Salt Lake City, Utah 84104

ATTN: Jackson Moffitt

Dear Mr. Moffitt:

I am returning the ~~document~~ received from U.S.G.S. regarding certain items of interest contained in Genwal's "Mine Permit Application." I have indicated page numbers where comments to these items may be found in our permit application.

Please include this document with Genwal's response to the ACR review received at the U.S.G.S. office on September 16, 1981, by Fern Ostler.

Sincerely,

William C. Wollen

WCW:rmb





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Office of the District Mining Supervisor  
Conservation Division  
2040 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104-3885

September 24, 1981

Memorandum

To: Regional Director, OSM, Denver

From: District Mining Supervisor, USGS-CD,  
Salt Lake City

Subject: Ganwal Coal Company, Crandall Canyon Mine,  
Emery County, Utah, Apparent Completeness  
Review (ACR), Response

The three-volume addendum to the subject mine plan was received in this office on September 16, 1981. These documents have been reviewed for conformance with Federal regulations 30 CFR 211.10(c) dated May 17, 1976, as amended August 22, 1978, and for compliance to the comments in our letter dated March 16, 1981. The May 16, 1981, letter was the review for completeness and technical adequacy of the subject mining and reclamation plan which you forwarded to this office in January of 1981. The following are our comments on the addendum. These comments will follow the format of the comments in the March 16, 1981, letter:

1. 30 CFR 211.10 (c)--The response information is submitted in the State-OSM format, UMC 771.25 to and including part of UMC 817.97. There is no cross-reference to the 211 regulations.

2. 30 CFR 211.10(c)(2)--Additional geologic maps requested have been included in this addendum.

Map No. 2 - Topography showing coal seam outcrops.  
Map No. 2A-1 - Geologic structure, Wasatch Plateau.  
Map No. 2A-2 - Generalized structure, Wasatch Plateau.  
Map No. 2B - USGS Monograph Series No. 3, 1972. Coal sections and topography NW quadrangle (Hiawatha).  
Map No. 3 - Stratigraphic framework of Crandall Canyon.  
Map No. 7 - Topography of plant site.  
Map No. 13 - Topography of Crandall Canyon (water monitoring).  
Map No. 4047-3 (Coal Systems Inc.) - Topography map of plant area.  
Air Photograph (Coal Systems Inc.) June 1980.

3. 30 CFR 211.10(c)(6)(i) - Reserve data is updated periodically and submitted to USGS-CD under General Mining Order No. 1. Page 14 under UMC 784.11 of the addendum adequately covers this request.

4. 30 CFR 211.10(c)(6)(1) and 211.10(c)(7)(v)--the two new mine plan maps for the Hiawatha and Blind Canyon seams identified as maps 4047-1 and 4047-2 and included in the volume prepared by Coal Systems, Inc. (Item 3) adequately covers the requested mine plan information. The narrative under USC 783.24 on page 13 explains the map replacement.

Apparently, the State did not specifically request a response from the company relative to the ventilation and roof control plans (we did not receive a copy of the questions for response). Therefore, we request the following be included as a stipulation to the final approval:

"The complete roof control and the ventilation, methane, and dust control plans approved by mine safety and health administration (MSHA) are an integral part of the mining and reclamation plans and must be compatible. Submit complete approved copies of these plans as an addendum to the mining and reclamation plan. As these plans are updated and or changed and approved by MSHA, submit complete copies of the updated and or changed parts as addendums to the formal mining and reclamation plan."

5. 30 CFR 211.10(c)(5)(x)--the submittee has adequately addressed the recovery of the resource on page 5 (Coal Systems, Inc.) of the addendum. The method of pillar recovery is shown by sequential drawings on pages 6 through 12 and 17.

6. 30 CFR 211.10(c)(6)(xi)--the method of abandonment requested by the USC-10 has been satisfactorily addressed on page 16 of the addendum under USC 784.11(c)(5).

The addendum does have other response data or information that could be cross-referenced to 30 CFR 211.10(c) regulations, however, this material does not change the previously submitted plan so that additional comments would be required from the USC-10.

Subject to the required stipulation in item (4) above, the mine plan now meets the Geological Survey's requirements for completeness and technical adequacy.

Jackson W. Moffitt

cc: Denver  
LQM, Mr. James Smith  
Genwal  
McLean (2)✓