0103

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

February 15, 1985

CERTIFIED RETURN RECEIPT REQUESTED
(P402 457 107)

Mr. Glen Zumwalt
Vice-President
Utah Fuel Company
P. O. Box 719
Helper, Utah 84526

(MAPS in #15)

Dear Mr. Zumwalt:

RE: Approval of Application for MRP Amendment to Permanent Open Coal Storage Area, Skyline Mine, ACT/007/005 #3 and #4, Carbon County, Utah

The Application for MRP Permit Amendment and response to the remaining deficiencies submitted by Utah Fuel Company (February 6, 1985) has been reviewed by the Division. The proposed plan is now acceptable and approval is hereby granted by the Division to proceed with use of the areas as designated in the plan. This approved amendment will now be incorporated into the previously approved Mining and Reclamation Plan currently on file with the Division.

Thank you for your cooperation in this matter, Please contact me or Mary M. Boucek should you have any questions.

Sincerely,

D. Wayne Hedberg

D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

REVIEW CHRONOLOGY:

A. Operator Submittals
1. 12/24/84
2. 1/7/85
3. 2/7/85

B. DOGM Responses
1. 2/4/85
2. 2/15/85

btb

cc: Allen Klein
Robert Hagen
John Garr
Ron Daniels
8992R-39
Mary Boucek
Steve Cox
Pam Grubaugh-Littig
Sandy Pruitt
John Whitehead

Glen A. Zumwalt
Vice President and
General Manager

Utah Fuel Company

P.O. Box 719
Helper, Utah 84526
(801) 566-7111

Subsidiary of
Coastal States
Energy Company

February 6, 1985

Mr. Wayne Hedburg
Permit Supv./Reclamation Hydrologist
DIVISION OF OIL, GAS & MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Proposed Plan for M&RP Modification for
Permanent Open Coal Storage at Skyline Mine

Dear Wayne:

Here is our response to the technical deficiencies for the proposed M&RP permit modification for permanent open coal storage.

UMC 784.23 Operation Plan: Maps and Plans

(b) (4) Each application shall contain maps, plans and cross-sections of each coal storage area .

Attached is a revised map 3-6a which shows the typical cross sections of the proposed open coal storage areas.

UMC 784.11 Operation Plan: General Requirements

(b) Please describe how the coal storage area is designed so as to eliminate fire hazards and maintained so as to eliminate fire hazards from spontaneous combustion and other ignition.

(b)(4) Each application shall contain a narrative explaining the construction, modification, use, maintenance and removal of the coal storage area.

The two coal storage areas will have a drainage ditch constructed around the permimiter as shown on Map 3-6a. Coal will be placed on the prepared base and the pile built up to an approximate height of 35 feet. As the pile is built up it will be wheel rolled to compact the coal thus eliminating air from the stored material and eliminating the possibility of spontaneous combustion.

The storage areas will be posted as restricted areas and prohibit open flame on or near the piles so as to eliminate the possibilities of other

ignitions. Coal will be loaded out of the piles to meet surge shipment demands. The drainage ditch around the piles will be maintained and kept open except during the winter months when they will be snowed over. Final removal of the open coal storage areas will be accomplished by first removing and shipping all of the coal. The area will be reclaimed as outlined in the Skyline approved M&RP.

UMC 784.24 Transportation Facilities

The plan should contain a description of each road to be constructed, used or maintained for this open coal storage area. The description must include a map, appropriate cross-section and specifications for the road.

All of the roads used in conjunction with the open coal storage are already in existance and are shown in the approved Skyline M&RP. The haul route showing the roads to be used are shown on Map 3-6a.

If you need any additional information, please contact us. We would appreciate your early review of this information as the need for this open coal storage is becoming paramont.

Sincerely,

Kelchner Zeel

For Glen A. Zumwalt
Vice President and General Manager

KZ:GAZ:ss

CRUSHED COAL STORAGE

During the initial stage of the mining operations, the permanent coal storage facilities will not have been completed. After completed analysis, it has been determined that the construction of permanent facilities should be delayed to the fourth year of production. Initial storage will consist of a temporary ground storage area. Front-end loaders will be utilized to convey coal to the train loading facility. The temporary ground storage will have an expected life of about three years. During this period, the mine production will increase from 437,000 tons per year to 2,301,000 tons per year. It is anticipated that the temporary storage area could range in capacity from 10,000 tons to 20,000 tons depending upon train shipments. Presently, the train shipments are not envisioned as unit trains, but will consist of shipments of 10 to 50 cars.

The permanent coal storage facility will initially consist of two 15,000-ton-capacity concrete silos, with construction of two additional 15,000-ton-capacity silos at a later date as additional storage capacity is needed. The bottom of each silo will be furnished with seven vibrating feeders (four at a constant discharge rate of 750 tons/hr; three at a variable controlled rate of 100 to 500 tons/hr). These feeders will deliver carried loads to an 84-inch-wide conveyor transporting coal to the train loading system.

*Two ground storage areas will be established (location shown on Map 3-6a). They will be used on an as-needed basis. The south storage area will hold approximately 37,500 tons and the north storage area will hold approximately 75,000 tons. Actual capacity will depend upon such factors as height, compaction, fill slope and safe working practices. It is not planned for the pile to encroach onto the adjacent cut slopes. Volumes will be consistent with and in compliance with PSD regulations. Drainage will be provided on both sides of the pile and will direct run-off water into the established surface drainage system.

REPLACES	TEXT
Section 3.2 Page 3-38 Date 9/22/80	Section 3.2 Page 38 Date 12/20/84

* Denotes changes or additions