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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 7, 1985

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

Dear Mr. Zumwalt:

RE: Proposed Plans for MRP Amendment, Temporary Waste Rock Pile,
Utah Fuel Company, Skyline Mine, ACT/007/005, #3, Carbon
County, Utah

#15 w/MAPS

The proposed MRP Amendment plans submitted by Utah Fuel Company January 17, 1984 have been reviewed by the Division. The plans, as presented, are not acceptable and the following technical inadequacies must be addressed before approval:

Section 4.16 is vague and does not indicate how much material may possibly be placed in the temporary gob pile. It seems that the location and the configuration of the pile would have limiting factors.

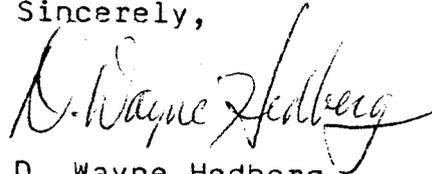
UMC 784.11(b)(4) A narrative describing the construction, modification, use, maintenance and removal of mine development waste in the temporary gob pile should be included.

UMC 784.19(a) The application should contain cross-section drawings of the proposed disposal site for placing underground development waste. The application should also contain a description of the proposed disposal site and the design of the site according to UMC 817.71.

Page 2
Mr. Glen A. Zumwalt
ACT/007/005
February 7, 1985

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

Sincerely,



D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

PGL/btb
cc: Allen Klein
Robert Hagen
Ron Daniels
Mary Boucek
Pam Grubaugh-Littig
Sandy Pruitt
8992R-26 & 27

Glen A. Zumwalt
Vice President and
General Manager



**Utah Fuel
Company**

P.O. Box 719
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(801) 637-7925 or
Salt Lake (801) 566-7111

Subsidiary of
Coastal States
Energy Company

January 16, 1985

RECEIVED
JAN 17 1985

DIVISION OF
OIL, GAS & MINING

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

Re: Minor Modification - Temporary Waste Rock Pile at Mine
Site

Dear Wayne:

In reviewing the Skyline M&RP, we find that Section 4.16 Underground Development Waste and Excess Surface Spoil needs to be modified.

We do need to temporarily store underground waste rock until it can be transported to the approved Scofield waste rock disposal site. We also feel that there are times when some of this material could be used here at the mine site. This could result in substantial savings by not having to haul the material to Scofield and also by not having to purchase and haul in outside material. Before using this material on site, we would outline its use and receive approval from DOGM.

We are enclosing 14 copies of page 4-56 for Volume 3 of the Skyline M&RP. On page 4-56 we refer to the location shown on Map 3-8. Fourteen copies of Map 3-8 showing this location were submitted on January 11, 1985 with the Minor Modification for Mine Water Discharge.

If you need any additional information, please contact us.

Sincerely,

Glen A. Zumwalt
For Glen A. Zumwalt
Vice President & General Manager

GAZ:KZ:jsg

Enclosure

4.16 UNDERGROUND DEVELOPMENT WASTE AND EXCESS SURFACE SPOIL

*Rock and earth materials produced in the underground mines will normally be disposed of in the underground working areas. Excess material produced that cannot be stored underground will be brought to the surface and stored in a temporary god pile (location shown on Map 3-8) until the material can be transported to the approved waste rock disposal site near Scofield, or with proper permission will be used as fill material within the disturbed permitted area.

Development waste and surface spoil produced in the construction of the surface facilities and portal entries of the mine has been used as fill material for building the mine pad areas.

REPLACES

TEXT

Section 4.16 Page 4-56 Date 11/16/79 Section 4.16 Page 4-56 Date 1/7/85

* Denotes change or addition



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February 7, 1985

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

Dear Mr. Zumwalt:

RE: Proposed Plans for Temporary MRP Amendment, Coal Storage Area, Utah Fuel Company, Skyline Mine, ACT/007/005, #3, Carbon County, Utah #15 w/ maps

The proposed Temporary MRP Amendment plan submitted by Utah Fuel Company December 24, 1984 and revised January 28, 1985 has been reviewed by the Division. The plans, as presented, are not acceptable and the following technical inadequacies must be addressed prior to approval:

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 maintenance of the coal storage area.

UMC 784.13 Reclamation Plan: General Requirements

The applicant must define the phrase "when this coal storage is moved, the slope will have as much coal removed as practical." What is practical, 1 inch, 1 foot, 10 feet, etc.? It is very unclear as currently written.

Page 2
Mr. Glen A. Zumwalt
ACT/007/005
February 7, 1985

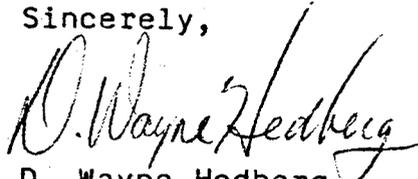
UMC 784.24 Transportation Facilities

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.

Please provide a response to these deficiencies at your earliest convenience.

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

Sincerely,



D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

btb

cc: A. Klein
R. Daniels
M. Boucek
P. Grubaugh-Littig
S. Pruitt

8992R-27 & 28



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Scott M. Matheson, Governor
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4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 4, 1985

TO: D. Wayne Hedberg, Permit Supervisor/Reclamation Hydrologist

FROM: Mary M. Boucek, Permit Supervisor/Reclamation Biologist *TM for MMB*

RE: Technical Review Comments on Temporary Coal Storage Area, Utah Fuel Company, Skyline Mine, ACT/007/005, #2 and #3, Carbon County, Utah

The technical staff has reviewed this temporary revision and generated the following comments for transmittal to the Company:

UMC 784.11 Operation Plan: General Requirements

(b) Please describe how the coal storage 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 maintenance of the coal storage area.

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-sections and specifications for the road.

UMC 784.13 Reclamation Plan: General Requirements

The applicant must define the phrase "when this coal storage is moved, the slope will have as much coal removed as practical." What is practical, one inch, one foot, 10 feet, etc.? It is very unclear as currently written.

No comments from hydrology (John Whitehead).

btb
 Attachments
 8834R-28

*Mineral
 order
 please*

MRP REVISION/NOV TRACKING FORM

Type of Proposal: COAL NONCOAL

Exploration _____
NOV/CO Abatement, NOV # _____, Abatement Deadline _____
MRP Revision _____
 MRP Amendment _____

("Temporary")

Issuing Inspector _____

Title of Proposal: Temporary Coal Storage (amending Jan 17th submittal)

Company name: Utah Fuel Company Project/ Mine Name: Skyline Mine

File # (PRO/ACT): 007/005 Acreage (Fed/State/Fee): 1/1/
(CEP/EXP)

Assigned Reviewers:	Review Time (hrs):
(Hydrology) <u>Whithead</u>	_____
(Wildlife/Veg.) <u>Cox / Bencek</u>	_____
(Engineering) <u>Perk</u>	_____
(Soils) <u>Ev Hooper</u>	_____
(Geology) _____	_____

DATES:

- (a) Initial Plan Received Jan 28/85 (d) NOV Termination _____
- Tech Review Due Feb 12/85
- Tech Review Complete _____
- (b) Operator Resubmission _____ (e) Bond Revision _____
- Tech Review Due _____
- Tech Review Complete _____
- Amount (\$) _____
- (c) Conditional Approval _____
- Stipulations Due _____
- Stipulations Received _____
- Final Approval _____

COMMENTS: _____

NOTE (INSPECTORS): Please attach a copy of the NOV issued to the abatement plan when received from the operator.

NOTE (REVIEWERS): Please prepare review comments in a format referencing the appropriate regulation or statute. State the deficiency as well as minimum requirement necessary to demonstrate compliance (when possible). Also fill in the number of hours spent in review by discipline. Return the revision/NOV abatement to the Special Permits Supervisor when review is complete.



**Utah Fuel
Company**

P.O. Box 719
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(801) 637-7925 or
Salt Lake City line:
(801) 566-7111

Subsidiary of
Coastal States
Energy Company

January 22, 1985

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

Re: Temporary Coal Storage

Dear Wayne:

On December 21, 1984 we submitted a modification to the Skyline M&RP for permanent open coal storage areas. The north coal storage area has been used as a storage area for construction materials. A considerable amount of materials still remain in the area. These materials are now covered with three feet of snow. We feel that for us to clear the snow off of the area would result in a significant loss of valuable materials. We therefore would like to establish a temporary coal storage area.

Attached are six copies of a map showing proposed temporary coal storage areas. We are requesting this as a temporary ammendment measure.

This temporary coal stoage will be done in conjunction with coal storage on the permanent south coal storage area. We would like to start using these temporary areas within the immediate future. The temporary areas would be used during 1985 and 1986. Sometime during 1986 we plan on starting up Mine No. 1. The majority of the temporary coal pile is in front of the Mine No. 1 portals. The coal will have to be moved before we can open up this mine. Temporary coal stored in area #2 would be moved within the same time frame.

It is estimated that temporary areas will hold approximately 74,000 tons. The total storage of the temporary and south permanent storage areas will not exceed 112,500 tons.

RECEIVED

JAN 28 1985

DIVISION OF OIL
GAS & MINING

Mr. D. Wayne Hedburg
January 22, 1985
Page Two

The development of the temporary storage would start by bringing the temporary coal storage area #2 up to the level of the RDA road. The coal trucks would then proceed onto the south permanent coal storage area and then onto the temporary storage area #1. We have shown three cross sections of the coal storage areas.

The drainage is also shown on the attached map. The 24" culverts are more than adequate to handle the 10 year, 24-hour event. The total area involved in the south permanent and temporary storage area is 3.76 acres. Precipitation from a 24-hour, 10 year rainstorm is expected to be 2.45 inches. After infiltration, surface runoff from a storm of this intensity should be 1.50 inches, based on the assumption that land surface will be similar to gravel and dirt roads with SCS runoff curve numbers of about 90. This would result in a runoff volume of .24 CFS from the storage areas. The undisturbed drainage around the mine site will not be impacted.

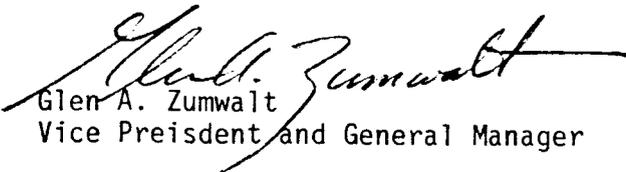
Temporary storage area #2 is the fill slope of the RDA road and was seeded at the end of the road construction in the fall of 1983. Germination occurred in the spring of 1984 and resulted in a fair stand at the end of the growing season. The piling of coal on this slope will destroy this vegetation. When this coal storage is moved the slope will have as much of the coal removed as practical and then slope will be seeded on a minimum of six inches of topsoil with the approved seed mixture. Seeding will be done in either the spring or fall, whichever ever occurs first. The required soil will come from the excess topsoil in our stockpile. This excess is a result of the debris flows in the North Fork. There are no existing vegetation studies in this area.

Temporary storage area #1 will have no impact on any revegetation areas. Neither of the temporary areas will disturb any undisturbed areas.

We feel that this temporary coal storage will create a minimum impact on the existing environment.

If you need any additional information, contact Keith Zobell.

Sincerely,


Glen A. Zumwalt
Vice President and General Manager

GAZ:KWZ:ss

Attachments