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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

March 19, 1992

Mr. Ken Payne
Manager
Southern Utah Fuel Company
P. O. Box P
Salina, Utah 84654

Dear Mr. Payne:

Re: Approval, Waste Rock Drainage Plans, Southern Utah Fuel Company Convulsion Canyon Mine, ACT/041/002-92C, Folder #3, Sevier County, Utah

The submittal received on February 14, 1992, regarding the above noted permitting action was reviewed and found to be complete and adequate by Rick Summers, of the Division's technical staff. The submittal was in response to deficiencies found in your plan during a recent review.

The Division hereby approves the above referenced action. Please submit nine (9) additional copies of this amendment by April 18, 1992 for distribution to other agencies.

Sincerely,

A handwritten signature in cursive script that reads "Daron R. Haddock".

Daron R. Haddock
Permit Supervisor

mbm

cc: R. Summers
J. Helfrich
S. Demczak, PFO

BT041002.APP



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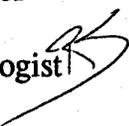
Dee C. Hansen
Executive Director

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355 West North Temple
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March 4, 1992

TO: Daron Haddock, Permit Supervisor

FROM: Rick P. Summers, Senior Hydrologist 

RE: Review Waste Rock Drainage Plan Modification (received February 14, 1992), Southern Utah Fuel Company, Convulsion Canyon Mine, ACT/041/002, Folder #2, Sevier County, Utah

SUMMARY

The above referenced proposal includes the addition of two diversions and a grading plan for the waste rock area to control the drainage from the surface of the waste and the out slopes of the pile. The diversions were sized to pass the peak flow from the 100 yr. - 6 hr. precipitation event. The portion of the diversion located on the out slope of the pile will require 6 inch riprap protection, otherwise the diversions are designed with velocities less than 3.5 fps. A berm will be constructed at the top of the waste pile to route the drainage to the proposed diversions. The grading plan calls for reconstruction of the berm and a 2% grade for each successive lift of waste. As the waste pile increases laterally the toe diversion will be reconstructed to ensure adequate drainage. All diversions report to the sedimentation pond for treatment of the drainage. The sediment pond was originally sized to treat this area.

I recommend approval of this proposal.

cc: Steve Demczak, PFO
SUFWASTE.RS