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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

ACT/007/011-87D
File #2
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 4, 1988

Mr. Michael P. Watson
Manager, Technical Services
U. S. Fuel Company
Hiawatha, Utah 84527

Dear Mr. Watson:

Re: PAP Amendment, Minor Underground Mine Plan Modification - 12th West Panel, King No. 4 Mine, U. S. Fuel Company, Hiawatha Mining Complex, ACT/007/011-87D, Folder #2, Carbon County, Utah

On December 21, 1987, the Division received a copy of U. S. Fuel Company's request for a minor underground mine plan modification at the King No. 4 Mine. The Bureau of Land Management (BLM) approved the proposal on December 17, 1987. The proposal raises some potential subsidence-related concerns regarding multiple seam mining under Miller Creek. The Division cannot concur with the BLM approval at this time. Insufficient information is provided to allow the Division to complete our technical evaluation of the modification.

Please refer to the attached technical review memorandum for an explanation of our concerns. Please provide the requested information by February 25, 1988. This will enable the technical staff to complete the evaluation of this proposal. We appreciate your cooperation in completing this permitting action. Please call me, Susan Linner, or Dave Darby should you have questions or concerns regarding this review.

Sincerely,

D. Wayne Hedberg
Data Management Coordinator

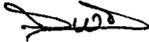
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Attachment

cc: M. Bailey D. Darby
 R. Hagen R. Harden
 P. Rutledge S. Linner

8992R/29

January 29, 1987

TO: Wayne Hedberg, Permit Supervisor
FROM: David W. Darby, Geologist 
RE: Underground Mine Plan Modification, King No. 4 Mine, U. S. Fuel Company, Hiawatha Mine Complex, ACT/007/011-87D, Folder #2, Carbon County, Utah

Summary

U. S. Fuel Company has proposed to modify pillar development and extraction in the area between 12th West and 15th West due to engineering difficulties (received from Bureau of Land Management, Moab District on December 21, 1987). The Bureau of Land Management (BLM) inspector noted excessive ground heaving and caving in the 3-room panels being developed along the 12th west entry. BLM decided to abandon the the 3-room panel pillars for another alternative.

This addendum proposes development of a 4-room panel with four entries on 55-foot centers and crosscuts on 110-foot centers. This layout should lessen the floor heaving and caving.

The BLM approved this mining change on December 17, 1987.

These changes are consistent with mining practices, but could constitute changes to the original mine plan or cause additional adverse effects to the mining area if multi-seam mining is being proposed under Miller Creek.

Recommendation

This proposal cannot be approved by the Division until sufficient information is available to evaluate the site. Our review shows that this panel will be developed under Miller Creek, a perennial stream with an overburden layer of approximately 700 feet (cross-section, Exhibit VI-6b). It is unclear whether mining has occurred in any other seam within this area.

Due to the changes made in the mining sequence over the past two years the Division requests updated mine sequence maps. For clarity, the sequence of mining should be shown on individual maps for each seam.

The Division also requests overburden and interburden isopach maps to establish subsidence potential over perennial streams.

cc.

S. Linner
R. Harden

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