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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

January 13, 1989

Ms. Jean Semborski
Environmental Coordinator
U.S. Fuel Company
Hiawatha, Utah 82547

Dear Ms. Semborski:

Re: Deficiency Review, Amendment, Response to TDNs, U.S. Fuel Company, Hiawatha Mine, ACT/007/011-88(F), Folder #2, Carbon County, Utah

The Division has completed review of your company's submittal received October 6 and November 3, 1988. The plans were reviewed by Mike DeWeese, Dave Darby, and Daron Haddock of the Division's technical staff. Requirements for a subsidence monitoring plan have been adequately addressed. Fourteen copies of this plan must be submitted for distribution. There are still outstanding issues relating to other parts of the TDNs. Please resolve the deficiencies as outlined in the attached memo.

If you have any questions, please call Mike DeWeese, Reclamation Hydrologist or me.

Sincerely,

Susan C. Linner
Susan C. Linner
Reclamation Biologist/
Permit Supervisor

Attachments

c1

cc: J. Helfrich
M. DeWeese
L. Kunzler

BT45/152



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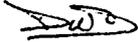
3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

November 25, 1988

TO: File

From: David Darby, Geologist 

RE: Subsidence Monitoring Revision, Hiawatha Mine Complex,
U.S. Fuel Company, ACT/007/011-88A, File Folder #2, Carbon
County, Utah

Synopsis

U.S. Fuels Company submitted a revised subsidence monitoring plan on November 16, 1988 (Received Nov. 21, 1988).. Their previous subsidence monitoring was conducted through the U.S. Forest Service (See Memo dated July 1, 1988). The maps submitted in their proposal indicate monument locations, the mine workings and the vertical data collection intervals over mine panels.

I discussed this submittal with Bob Eccli on November 23, 1988. He stated that the monuments have already been constructed, surveyed and flown for their first measurement.

We concluded that the monitoring locations are as close to the mine panels as the terrain would allow and that vertical measurements along the panels could be taken at 400 foot intervals.

U.S. Fuel has committed to resurvey the ground control monuments annually to check their integrity.

Conclusion and Recommendation

U.S. Fuel Company's proposed monitoring methods are acceptable and are recommended for approval.

dwd/DWD

cc. Sue Linner
R. Hagen
R. Summers
1565R