0016

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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

INSPECTION REPORT

INSPECTION DATE & TIME: December 10, 1991
9:30 A. M. to 12:00 P. M.

Permittee and/or Operator's Name: Southern Utah Fuel Company
Business Address: P. O. Box P, Salina, Utah 84654
Mine Name: Convulsion Canyon Permit Number: ACT/041/002 County: Sevier
Type of Mining Activity: Underground X Surface_ Other_
Company Official(s): Mike Davis State Officials(s): Paul Baker Federal Official(s): None
Partial: X Complete:_ Date of last Inspection: November 21, 1991
Weather Conditions: Clear, 30's, patchy snow on ground
Acreage: Permitted- 17301 Disturbed- 67.8 Regraded- 0.5 Seeded- 0.5 Bonded- 67.8
Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	()	()	()	()
2. SIGNS AND MARKERS	()	()	()	()
3. TOPSOIL	(X)	()	()	(X)
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	()	()	()	()
b. DIVERSIONS	()	()	()	()
c. SEDIMENT PONDS AND IMPOUNDMENTS	()	()	()	()
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	(X)
e. SURFACE AND GROUNDWATER MONITORING	()	()	()	()
f. EFFLUENT LIMITATIONS	()	()	()	()
5. EXPLOSIVES	()	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE & SPOIL	(X)	()	()	(X)
7. COAL PROCESSING WASTE	()	()	()	()
8. NONCOAL WASTE	()	()	()	()
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	()	()	()	()
10. SLIDES AND OTHER DAMAGE	()	()	()	()
11. CONTEMPORANEOUS RECLAMATION	()	()	()	()
12. BACKFILLING AND GRADING	()	()	()	()
13. REVEGETATION	(X)	()	()	(X)
14. SUBSIDENCE CONTROL	()	()	()	()
15. CESSATION OF OPERATIONS	()	()	()	()
16. ROADS				
a. CONSTRUCTION	()	()	()	()
b. DRAINAGE CONTROLS	()	()	()	()
c. SURFACING	()	()	()	()
d. MAINTENANCE	()	()	()	()
17. OTHER TRANSPORTATION FACILITIES	()	()	()	()
18. SUPPORT FACILITIES UTILITY INSTALLATIONS	()	()	()	()

INSPECTION REPORT

(Continuation sheet) Page 2 of 2

PERMIT NUMBER: ACT/041/002 DATE OF INSPECTION: December 10, 1991

(Comments are Numbered to Correspond with Topics Listed Above)

3. Topsoil

The topsoil salvaged for the substation site has been moved to its permanent storage site. There is a silt fence downslope from it.

There is a berm around the edge of the pad on the subsoil pile from which material was taken for the substation construction. This berm was breached to allow water to run off. The main berm and silt fence around this stockpile are intact. This pile will be reshaped and revegetated.

4.b. Other Sediment Control Measures

The area disturbed as a result of the substation construction needs to have sediment control structures erected. I walked around the area with Mike Davis and Wes Sorensen to look at alternatives for treating this runoff. There was no sign of sediment leaving the disturbed area. The substation amendment states: "It is not anticipated that sufficient disturbance will be made at the base of the binwalls to require alternate sediment control area (ASCA) practices. After construction this will be evaluated by the applicant and the regulatory authority. If an ASCA is needed, the applicant will apply for the ASCA." An ASCA is clearly needed, and the operator must take necessary steps to control sediment and submit required information for an ASCA to the Division before the next inspection.

6. Disposal of Development Waste and Spoil

The waste rock pile has recently had material added to it, and it is ready to be graded. The berm around the edge of the top of this pile which is required by MSHA has been breached in two places to allow water to run off. SUFCO hopes to be able to complete work on this lift and revegetate it next fall.

13. Revegetation

The area which was disturbed around the substation, including the topsoil pile, was seeded about the last of October or first part of November. It was not prepared through scarification or mulching. Regulation R614-301-355. does not appear to apply since the area was not regraded and did not have topsoil replaced.

R614-301-244.100. Requires that all exposed surface areas be protected and stabilized to effectively control erosion and air pollution attendant to erosion. The area is currently stable, but if the seeding is not successful, it will become unstable. Past experience at this and other sites indicates that slope stabilization, such as mulching, the use of matting, terracing, gouging, or other techniques, associated with seeding on steep slopes is essential for the seeding to be successful.

Methods that might be used now in anticipation of spring snowmelt and rain which would destabilize the site if the seeding is not successful include hemp netting or mulch as planned for final reclamation. These would also increase the chances of the seeding being successful

Copy of this Report:

Mailed to: Mike Davis (SUFCO), Bernie Freeman (OSM)

Given to: Daron Haddock, Joe Helfrich (DOGM)

Inspector's Signature: PBB Paul B. Baker #41 Date: December 20, 1991