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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

INSPECTION DATE & TIME: January 23, 1989
10:00 a.m. to 12:00 noon

Permittee and/or Operators Name: Utah Power and Light Company (UP&L)
Business Address: P. O. Box 310 Huntington, Utah 84528
Mine Name: Wilberg/Cottonwood Permit Number: ACT/015/019
Type of Mining Activity: Underground Surface Other
County: Emery
Company Official (s): Guy Davis
State Official(s): Henry Sauer, Bill Warmack
Partial: XX Complete: Date of Last Inspection: Dec. 13 & 14, 1988
Weather Conditions: Cloudy and cold
Acreage: Permitted 11.508 Disturbed 42.5 Regraded Seeded Bonded 42.5
Enforcement Action: None

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	()	()	()	()
2. SIGNS AND MARKERS	()	()	()	()
3. TOPSOIL	()	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	()	()	()	()
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	(X)
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	(X)
f. EFFLUENT LIMITATIONS	()	()	()	()
5. EXPLOSIVES	()	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE AND 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	(X)	()	()	(X)
13. REVEGETATION	()	()	()	()
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	(X)	()	()	(X)
UTILITY INSTALLATIONS	()	()	()	()

PERMIT NUMBER: ACT/015/019

DATE OF INSPECTION January 23, 1989

(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS
2. SIGNS AND MARKERS
3. TOPSOIL
4. HYDROLOGIC BALANCE
 - a. STREAM CHANNEL DIVERSIONS
 - b. DIVERSIONS
 - c. SEDIMENT PONDS AND IMPOUNDMENTS
 - d. OTHER SEDIMENT CONTROL MEASURES
 - e. SURFACE AND GROUNDWATER MONITORING
 - f. EFFLUENT LIMITATIONS
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 - a. CONSTRUCTION
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17. OTHER TRANSPORTATION FACILITIES
18. SUPPORT FACILITIES UTILITY INSTALLATIONS

: Copy of this Report:

Mailed to: Guy Davis (UP&L), Brian Smith (Albg. OSM), Joe Helfrich (DOGM)

Given to: PFO

Inspectors Signature and Number: #32 *Jimmy Bauer* Date: Jan. 24, 1989

1/26/89

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(Comments are Numbered to Correspond with Topics Listed Above)

General Comments

Bill Warmack (DOGM-PFO) and Guy Davis (UP&L) accompanied the undersigned inspector on this partial inspection of the Wilberg/Cottonwood Mine site. Conditions were cold and the ground was partially covered with snow.

4b. Diversions -

- (1) The inlet to the culvert behind (west of) the Tipple has been cleaned and is functioning properly.
- (2) The culvert pipe under the entrance to the Upper Parking Lot has been repaired and is functioning properly.
- (3) The culvert pipe outlet located at the NW corner of the Upper Parking Lot has been repaired and is functioning properly.
- (4) The undisturbed culvert at the south end of the access road, west of the Upper Parking Lot, has not had trash and weeds removed from the grate. However, ice and snow has accumulated around the inlet. The ice and snow needs to be removed by the next inspection.
- (5) Partial resloping of the storage pad adjacent to the Tipple has been accomplished. The drainage continues to pond and flow erratically. The portion of the pad adjacent to the access road curb must be sloped to allow drainage to the disturbed drainage system.
- (6) Drainage from the secondary crusher is flowing down the road behind the Tipple. A berm must be constructed to channel this drainage into the culvert east of the timber binwall and south of the silo. The berm must be constructed by the next inspection.
- (7) Debris must be removed from the culvert drop inlet northeast of the truck loadout and approximately 25 feet of the diversion ditch upstream.
- (8) The culvert drop inlet at the middle of the Upper Storage Yard needs cleaning.

- 4c. Sediment Ponds and Impoundments - The operator is presently in the process of dredging the sediments from the North Sediment Pond. A road has been constructed at the upper end of the pond to allow machinery access and a minor portion of the berm at the southwest end of the pond has been removed to accommodate the temporary diversion pipe which conveys disturbed drainage into the South Sediment Pond. When drainage ceases, the berm must be repaired and the road must be regraded to the original bank configuration.

INSPECTION REPORT
(continuation sheet)

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- 4d. The silt fence east of the South Sediment Pond adjacent to the slotted trench needs to be cleaned of sediments.
- 4e. The South Sediment Pond automatic flow gage has been installed and appears operational.
- 12. Backfilling and Grading - The conveyor drain water which caused erosion (gully) on the berm east of the timber binwall and south of the silo (Inspection Report December 13 and 14, 1988) has been diverted to the culvert east of the timber binwall.
- 18. Support Facilities - The berm around the diesel tanks near the exhaust fan has been insufficiently augmented. The berm needs to be sized according to the total storage of the fuel storage tanks.

The fence surrounding the waste rock disposal site needs mending. There is a large snow drift partially covering the fence where repair is needed. In order to repair the fence correctly, the area must be clear of snow. The fence must be repaired as soon as this area is clear of snow.

djh
AT43/18-21