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DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

John

INSPECTION DATE & TIME: December 13 & 14, 1988

13th: 9:00-11:30A.M.; 14th: 8:00A.M.-4:00P.M.

Permittee and/or Operators Name: Utah Power and Light - Mining Division

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): Val Payne

State Official(s): Henry Sauer and Bill Warmack

Partial: Complete: Date of Last Inspection: November 10, 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 | (XX) | () | () | (XX) |
| 2. SIGNS AND MARKERS | (XX) | () | () | () |
| 3. TOPSOIL | (XX) | () | () | () |
| 4. HYDROLOGIC BALANCE: | | | | |
| a. STREAM CHANNEL DIVERSIONS | (XX) | () | () | () |
| b. DIVERSIONS | (XX) | () | () | (XX) |
| c. SEDIMENT PONDS AND IMPOUNDMENTS | (XX) | () | () | (XX) |
| d. OTHER SEDIMENT CONTROL MEASURES | (XX) | () | () | (XX) |
| e. SURFACE AND GROUNDWATER MONITORING | (XX) | () | () | (XX) |
| f. EFFLUENT LIMITATIONS | (XX) | () | () | () |
| 5. EXPLOSIVES | (XX) | () | () | () |
| 6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL | (XX) | () | () | () |
| 7. COAL PROCESSING WASTE | () | () | (XX) | () |
| 8. NONCOAL WASTE | (XX) | () | () | () |
| 9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES | (XX) | () | () | () |
| 10. SLIDES AND OTHER DAMAGE | (XX) | () | () | () |
| 11. CONTEMPORANEOUS RECLAMATION | (XX) | () | () | () |
| 12. BACKFILLING AND GRADING | (XX) | () | () | (XX) |
| 13. REVEGETATION | (XX) | () | () | (XX) |
| 14. SUBSIDENCE CONTROL | (XX) | () | () | () |
| 15. CESSATION OF OPERATIONS | () | () | (XX) | () |
| 16. ROADS | | | | |
| a. CONSTRUCTION | () | () | (XX) | () |
| b. DRAINAGE CONTROLS | (XX) | () | () | () |
| c. SURFACING | (XX) | () | () | () |
| d. MAINTENANCE | (XX) | () | () | () |
| 17. OTHER TRANSPORTATION FACILITIES | () | () | (XX) | () |
| 18. SUPPORT FACILITIES | | | | |
| UTILITY INSTALLATIONS | (XX) | () | () | (XX) |

INSPECTION REPORT
(continuation sheet)

Page 2 of

PERMIT NUMBER: ACT/015/019 DATE OF INSPECTION December 13 & 14, 1988

(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
5. EXPLOSIVES
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 - d. COAL PROCESSING WASTE
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 - a. CONSTRUCTION
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 - d. MAINTENANCE
17. OTHER TRANSPORTATION FACILITIES
18. SUPPORT FACILITIES UTILITY INSTALLATIONS

: Copy of this Report:

Mailed to: John Kathman - OSM Val Payne - Utah Power and Light Co.

Given to: Joe Helfrich - DOGM

Inspectors Signature and Number: #32 Henry Sauer Date: Dec. 21, 1988

Inspection Report

Permit Number: ACT/015/019
Date of Inspection: December 13-14, 1988

(Comments are Numbered to Correspond with Topic Listed Above)

General Comments:

A representative from UP&L was not present during the on-site inspection of the Cottonwood Fan Portal on November 13, 1988. Portal site conditions were cool with small areas of snow cover.

Val Payne (UP&L) accompanied the undersigned inspector during the complete inspection of the Wilberg/Cottonwood Mine site. The mine site conditions were cool and the ground was clear of snow.

The following maintenance items do not constitute violations of UMC standards.

Cottonwood Fan Portal

4D) Other Sediment Control Measures

The straw bales located on the subsoil and topsoil stockpiles are deteriorating. As noted in the previous inspection report of October 25, 1988, the bales need to maintain their function as sediment catchments. This will be accomplished through the addition of fresh bales. This maintenance will be completed before the spring thaw of 1989 (May 1, 1989).

Four gabions located along the county road are partially filled with sediments. The sediments need to be removed to maintain the sediment control capabilities of the structures.

Wilberg/Cottonwood Mine

Permit

A review of the pertinent mine records was conducted at the Huntington office. No outstanding permit stipulations, requirements, or pending NOV abatement dates were noted.

Inspection Report
(Continued)

Permit Number: ACT/015/019
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Certifications of the sediment ponds were reviewed and found to comply with UMC guidelines. Survey data indicates the north sediment pond is approaching 60 percent sediment storage capacity. When this level is realized, the accumulated sediments must be removed. The operator was made aware of this situation.

The third quarter water monitoring, subsidence monitoring, and waste rock storage inspection were reviewed and found in good order. NPDES monitoring was reviewed for June-October and was also in good order.

The third quarter blasting report indicated that no use of explosives occurred.

4B) Diversions

- (1) The inlet to the culvert behind (west of) the Tipple needs cleaning.
- (2) The culvert pipe under the entrance to the Upper Parking Lot is partially crushed on the outlet side and needs repair.
- (3) The culvert pipe outlet located at the NW corner of the Upper Parking Lot is partially crushed and needs repair.
- (4) The undisturbed culvert at the south end of the access road, west of the Upper Parking Lot, needs trash and weeds removed from the grate.
- (5) The drainage emanating from the Tipple and adjacent sheds crosses the access road and flows across a storage pad before entering a disturbed drainage system. The drainage has a tendency to pond along the pad and flow erratically. Therefore, to enhance the flow pattern, the operator has committed to resloping the pad towards the east to allow easier access to the disturbed drainage system. This must be accomplished by the next inspection.

Inspection Report
(Continued)

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4C) Sediment Ponds and Impoundments

Field observations confirmed that the north sediment pond is approaching 60 percent sediment capacity. The operator is aware of this and must clean the pond of sediments when necessary.

4E) Surface and Groundwater

Monitoring

The south sediment pond flow gauge is missing. The components were not compatible. However, based on a phone conversation with Val Payne December 21, 1988, the flow gauge was installed and operational as of December 15, 1988. This must be confirmed by a DOGM inspector in the next inspection.

12) Backfilling and Grading

The berm east of the timber binwall and south of the silo was partially eroded (gullied). Conveyor washdown water was draining onto the berm and creating a gully. The gully was filled in and the berm augmented before the completion of the inspection. To avoid this problem in the future the piped drain water from the conveyor will be diverted to the culvert east of the timber bin wall.

13) Revegetation

Waste Rock Cell 6# has been graded and will be seeded with an approved seed mix as required. Seeding will occur when weather conditions permit.

18) Support Facilities

The berm around the diesel tanks near the exhaust fan needs to be augmented.

The fence surrounding the waste rock disposal site needs mending.

Inspectors Signature and Number Henry Payne #32
Date 12/21/88