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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: April 19, 1990
9:00 a.m. - 4:00 p.m.

Permittee and/or Operators Name: Utah Power and Light Company
Business Address: P.O. Box 310 Huntington, Utah 84528
Mine Name: Cottonwood Permit Number: ACT/015/019
Type of Mining Activity: Underground Surface Other
County: Emery State: Utah
Company Official(s): Guy Davis and John Semkins
State Official(s): Bill Malencik and Jess Kelley
Partial: Complete: Date of Last Inspection: March 8, 1990
Weather Conditions: Clear/Warm
Acreage: Permitted 11508 Disturbed 42 Regraded Seeded Bonded 42
Enforcement Action: None - FOLLOW-UP ITEMS SUGGESTED BY UNDERSIGNED

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

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

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(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS:

A complete inspection was made on 4/19/90. The operator was represented by Guy Davis; the Division by Bill Malencik and Jess Kelley. The inspection started with a records review including the permit and associated documents. This information is highlighted below:

RECORDS:

- . Permit was of record and dated July 6, 1989
- . Stipulations together with current status are as follows:
 - UMC 817.24 (1) HS., Topsoil/Revegetation-MRP revised - completed
 - UMC 817.48 (1) HS., Waste Rock et.al - completed
 - UMC 817.41 (1) DW., Reclamation Cottonwood Fan Portal - completed
 - UMC 817.52 (1) DW., Water Monitoring Plan Revision - completed
- . Liability Insurance of record with an effective date of 12/24/89 and good for the term of the permit.
- . UPDES Permit #UT0022896 covering 4 outfalls are of record including discharge records.
- . Bond of record for \$1,586,008.00 which included an increase rider. The document was dated 10/23/89.
- . BLASTING RECORDS: The operator blasting records show a rock blast was conducted 1/4/90 at 11:30 a.m. at the coal mine silo. This blast was associated with site preparation. The individual in charge of the blast was Richard Jones, a certified blaster.
- . SEDIMENTATION POND INSPECTIONS were conducted for each quarter of C.Y. 1989 and the first quarter of 1990. The first quarter report was dated 3/28/90 and covered the required items.
- . WASTE ROCK INSPECTIONS were conducted by the operator. The first quarter report for C.Y. 1990 was completed on 3/30/90.
- . WATER MONITORING records were reviewed and no problems detected.
- . SUBSIDENCE field survey was completed in August 1989. However, the final report has not been submitted by the contractor, but the operator stated it is due the latter of April, 1990.

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- . ANNUAL REPORT: The vegetation portion of the annual report has been submitted. The subsidence and hydrologic reports are currently being compiled.

2. SIGNS & MARKERS:

Signs and markers were observed. The I.D. sign on the waste rock site has been relocated to the gate area off the Emery County road.

4b. DIVERSIONS:

All diversions were checked particularly culvert sizing, comparing the mine plan with field measurements. Some culverts were oversized none undersized and the operator made map notations so the records could be clarified. One culvert on the road near the sediment pond needed preventative maintenance work; however, appeared to be fully functional.

4c. SEDIMENT POND:

The lower pond had recently been cleaned. The cleanout procedures were described in the operators letter of 3/12/90. The Division approved the cleanout proposal on 3/22/90. The operator performed the work as outlined in the proposal.

Both ponds contained water, were stable and were not discharging.

13. REVEGETATION:

The revegetation test plots on the outslope above the tipple were observed. No problems were noted.

16. ROADS:

Drainage control and maintenance of the haul road and other roads were checked and were in good shape.

18. SUPPORT FACILITIES:

Recent work done at the tipple area has been completed. This included a reclaim tunnel and some site preparation for a coal storage silo.

Copy of this Report:

Mailed to: Guy Davis - Utah Power and Light Company
Mailed to SLC for: Joe Helfrich DOGM, Brian Smith OSM
Filed to: PFO

Inspectors Signature and Number: Wm J. Malencik #26 Date: April 30, 1990