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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: Feb. 15, 1990
9:00 a.m. - 4:00 p.m.

Permittee and/or Operators Name: Utah Power and Light Company (UP&L)
Business Address: P.O. Box 310 Huntington UT 84528
Mine Name: Cottonwood/Wilberg Permit Number: ACT/015/019
Type of Mining Activity: Underground Surface Other
County: Emery
Company Official (s): Guy Davis
State Official(s): Henry Sauer
Partial Complete: XX Date of Last Inspection: Jan. 4, 1990
Weather Conditions: Clear, Windy and Cold
Acreage: Permitted 11,508 Disturbed 42.5 Regraded Seeded Bonded 42.5
Enforcement Action: NOV #90-32-1-1

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	(X)	()	()	(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)	()	()	()
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	(X)
e. SURFACE AND GROUNDWATER MONITORING	(X)	()	()	()
f. EFFLUENT LIMITATIONS	(X)	()	()	()
5. EXPLOSIVES	(X)	()	()	(X)
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	(X)	()	()	()
7. COAL PROCESSING WASTE	()	()	(X)	()
8. NONCOAL WASTE	(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)	()	()	()
c. SURFACING	(X)	()	()	()
d. MAINTENANCE	(X)	()	()	()
17. OTHER TRANSPORTATION FACILITIES	(X)	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	(X)	()	()	(X)

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(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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 - d. COAL PROCESSING WASTE
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18. SUPPORT FACILITIES UTILITY INSTALLATIONS

: Copy of this Report:

Mailed to: John Kathman-OSM and Guy Davis, UP&L

Given to: Joe Helfrich-DOGM

Inspectors Signature and Number: #32 *Terry Sawyer* Date: 2/21/90

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General Comments

Guy Davis of UP&L accompanied the undersigned inspector on this complete state inspection of the Cottonwood/Wilberg Mine, Cottonwood Fan Portal and the Wilberg Waste Rock Facility. Weather conditions were windy, clear and cold. The majority of these sites were devoid of snow cover. NOV #90-32-1-1 was written in the Division office on February 19, 1990 and mailed on February 20, 1990.. NOV #90-32-1-1 was issued for "Failure to **promptly** (within five days of receipt of laboratory results) notify the DOGM of two NPDES permit effluent limitation noncompliances (refer to #4 below).

1. Permits:

The following records were reviewed and found in good order: 4th Quarter water monitoring; 1988 Subsidence Monitoring Report; 4th Quarter Pond and Embankment Inspections; Insurance Verifications; and Bonding Verifications.

NPDES monitoring reports were reviewed. NOV #90-32-1-1 was issued for "Failure to notify the Division of Oil, Gas and Mining (DOGM) of two NPDES permit effluent limitation noncompliances within five days of receipt of analytical results." NPDES permits which were in exceedence of limitations are as follows:

<u>Permit #</u>	<u>Sampled</u>
UT-0022896-001A	December 11, 1989
UT-0022896-004A	December 5, 1989
UT-0022896-003A	November 14, 1989

Analytical results from NPDES Permit 001A and 003A were received by UP&L on December 21, 1989, and November 22, 1989, respectively. Notification of noncompliance for 001A and 003A were dated January 3, 1990, and December 12, 1989, respectively.

Analytical results from NPDES Permit 004A were received by UP&L on December 18, 1989, and notification of noncompliance for 004A was dated December 21, 1989.

Notifications of noncompliance were addressed to Mr. Patrick Godsil (EPA, Region VIII) and Mr. Steve McNeal (Utah State Department of Health, Bureau of Water Pollution Control).

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1. Permits (Continued)

Exceedences for Permits 001A, 003A, and 004A were for total dissolved solids (1047 mg/l) total suspended solids (35 mg/l) and total suspended solids (72 mg/l), respectively.

4. Hydrologic Balance:

4(b) Diversions

All diversion ditches and culverts were clear of sediments and functioning as designed.

4(d) Other Sediment Control Measures

The straw bales on the outslopes of the Cottonwood Fan Portal topsoil pile, which were installed during the Summer of 1989, are functioning well.

The silt fences which are planned to be installed in the vicinity of the escape portals up the right fork of Grimes Wash have not been installed to date.

Additionally, the alternative sediment control area (ASCA) at the site of the old Wilberg Fan area is presently under construction. Sediment control measures specified in the PAP have not been installed because of inclement weather. The operator stated that as soon as weather conditions permit, the above construction will occur.

5. Explosives:

Blasting reports were reviewed. To facilitate removal of large rocks from the site of the reclaim tunnel construction, explosives were employed on the following dates and times:

<u>Date</u>	<u>Time</u>
December 29, 1989	11:40 a.m.
December 27, 1989	10:30 a.m.
December 22, 1989	2:00 p.m.
December 14, 1989	2:00 p.m.
December 13, 1989	10:30 a.m.
December 12, 1989	11:00 a.m.

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13. Revegetation:

The straw mulch that was applied to the Waste Rock cell seeded last fall, has been heavily grazed by deer and elk.

18. Support Facilities:

Utility installations: The reclaim tunnel is presently under construction. The operator was informed that areas previously seeded and disturbed subsequent to the construction of the reclaim tunnel would have to be reseeded again by the fall of 1990.

djh
AT43/27-31