11-15-88 7055

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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

INSPECTION REPORT

INSPECTION DATE & TIME: Nov. 9, 1988
8:00 a.m. - 3:30 p.m.

Permittee and/or Operators Name: Utah Power and Light
Business Address: P.O. Box 310 Huntington, Utah 84528
Mine Name: Deer Creek Permit Number: ACT/015/018
Type of Mining Activity: Underground XX Surface ____ Other _____
County: Emery State: Utah
Company Official(s): Guy Davis
State Official(s): Bill Warmack
Partial: _____ Complete: XX Date of Last Inspection: October 25, 1988
Weather Conditions: Clear and fair
Acreage: Permitted 14620 Disturbed 26.5 Regraded _____ Seeded _____ Bonded 26.5
Enforcement Action: None

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)	( )	( )	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	( )	( )	( )
e. SURFACE AND GROUNDWATER MONITORING	(X)	( )	( )	(X)
f. EFFLUENT LIMITATIONS	(X)	( )	( )	( )
5. EXPLOSIVES	(X)	( )	( )	( )
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	(X)	( )	( )	(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)	( )	( )	(X)
11. CONTEMPORANEOUS RECLAMATION	(X)	( )	( )	(X)
12. BACKFILLING AND GRADING	(X)	( )	( )	( )
13. REVEGETATION	(X)	( )	( )	( )
14. SUBSIDENCE CONTROL	(X)	( )	( )	(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)	( )	( )	( )

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(Comments are Numbered to Correspond with Topics Listed Above)

GENERAL COMMENTS:

This complete inspection commenced at the UP&L Mining Division office with a review of the mine records, the field portion of the inspection took place in the afternoon. Mr. Davis accompanied the undersigned during the entire inspection.

1. PERMITS:

1. As stated in the report of 10/25/88, UP&L was issued a permit for the Deer Creek Mine and Waste Rock Disposal site on 9/13/88. A general review of the special conditions follows:

a. The permittee shall conduct experimental practice in the final reclaimed Deer Creek channel only according to the designs approved by DOGM and if the practice should prove to be inadequate, applicant shall submit detailed plans of an alternate environmental protective method.

b. The permittee will replace water determined to have been lost or adversely affected as a result of the permittee's mining operations if such a loss occurs prior to bond release.

c. Existing raptor nests adversely affected by mine related subsidence shall be replaced or mitigated by the permittee in consultation with USF&WS and UDWR.

d. Prior to beginning second seam mining inside a perennial stream buffer zone (35 degree angle of draw), the permittee shall present a detailed evaluation of the anticipated effects of multiple seam mining on perennial streams.

e. The applicant shall sample postmining discharges for the listed parameters in the PAP (p. 4-37.6) on an annual basis until bond release.

The applicant shall provide by 10/31/88 an analysis of potential postmining discharge impacts to surface drainages including mitigation measures where indicated.
NOTE: Response from Dave Smaldane to the Division dated 10/28/88.

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f. The applicant shall restore areas impacted by subsidence which are of a size or nature that could injure or kill grazing livestock.

The applicant shall compensate surface owners for lands that cannot be safely grazed due to hazards caused by subsidence.

The applicant shall compensate owners of livestock which are injured or killed as a direct result of subsidence.

2. An air quality permit is still pending, however, the Dept. of Health has sent a letter of intent to approve the waste rock storage facility (dated 10/21/88). To accomodate the Dept of Health, UP&L must treat roads as necessary to alleviate dust and maintain records of water treatment for all periods when plant is operating.

4b. DIVERSIONS:

1. Some work has been done along the access road by the Deer Creek fan and the 3" spring diversion line has been temporarily disrupted. The discharge line will be established as soon as possible to prevent water ponding.

2. The culvert inlet near the tipple building, needs cleaning. The inlet area is adjacent to the access road and catches material from passing vehicles, particularly from haul trucks. Possibly when the new waste site is utilized, this area will no longer present problems.

4c. SEDIMENT PONDS AND IMPOUNDMENTS:

1. Pond certification and as-built drawing dated 12/18/85.

2. Third quarter pond inspection performed on 10/15/88; no stability or erosion problems noted.

4e. SURFACE AND GROUND WATER MONITORING:

1. The Deer Creek monthly discharge results were in order, the last report dated 10/24/88.

2. 1st, 2nd, and 3rd quarter UPDES reports were reviewed, 3rd quarter report dated 10/18/88.

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3. The water monitoring data was reviewed and appeared to be in order. Samples included two in-mine sites, Meeting House Canyon, Deer Creek above and below mine, Roars Canyon, and various springs located on East Mountain. Six springs are in question as to their occurrence and monitorable flow and will be investigated by the Forest Service. Until the Forest Service can provide documentation on said springs, UP&L will not be required to perform any monitoring on these springs.

6. DEVELOPMENT WASTE AND SPOIL DISPOSAL:

1. Construction at the new waste rock disposal site has begun. The access road is being developed and has progressed approximately to station 24+00 (DRWG #CM - 10778-DR). Mr. Davis was reminded of the 7 day limitation on temporary topsoil piles after which time, silt fences will be installed.

2. Samples of the waste material were taken and submitted as part of the Mid-Term Review. Analysis results were received by UP&L on 9/7/88, and were a composite of 5 grab samples. According to 817.48 (p.11 of the TA), UP&L is required to sample the material on a biannual basis starting in Fall 1988.

10. SLIDES AND OTHER DAMAGE:

Some preventive work is being done on the highwall area by the office/bathhouse where a previous slide had occurred. All channels will agian be established after completion of the work.

11. CONTEMPORANEOUS RECLAMATION:

The area along the access road from the office/bathhouse building to the upper extent has been regraded and will be seeded to establish vegetative cover on the slopes.

14. SUBSIDENCE CONTROL:

The subsidence survey for 1988 has been completed and will be submitted accordingly.

Copy of this Report:
Mailed to: Guy Davis, UP&L
Mailed to SLC for: Brian Smith, OSM; Joe Helfrich, DOGM
Filed to: PFO

Inspectors Signature and Number: William A. Warmack #30 Date: Nov. 11, 1988
William A. Warmack 11/11/88