

0031

Document Information Form

Mine Number: C/015/018

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: February 25, 1983

Explanation:

Inspection Memo

cc:

File in: C/015/018/ Internal

Refer to:

- Confidential
- Shelf
- Expandable

Date _____ For additional information

February 25, 1983

Inspection Memo to
Coal File:

RE: Utah Power & Light Company
Deer Creek Mine
ACT/015/018-A
Emery County, Utah

DATE: December 8 and 30, 1982

TIME: 1:30 to 2:15 P.M., and 2:30 to 4:00 P.M.

WEATHER: Clear and cool, sunny and cold.

COMPANY OFFICIAL: Larry Guymon (8th), Paul Peterson (30th)

STATE OFFICIAL: David Lof

ENFORCEMENT ACTION: N83-4-1-1

Compliance with Permanent Performance Standards

UMC 771 et al Permits

The following permits and approval letters were reviewed with the operator in the mine office:

1. A letter dated January 20, 1978 from the USGS approving the 211 mine plan for Deer Creek.
2. A May 11, 1978 letter from the Division granting tentative approval until final permit is issued under Public Law 95-87.
3. An August 31, 1979 letter from OSM granting approval for the hydrologic monitoring plan submitted by UP&L for the Deer Creek and Wilberg mines.
4. A Special Use Permit issued by the U. S. Forest Service on March 7, 1979 for 5.85 acres for mine yard area. The Special Use Permit was later modified on March 26, 1981 for the installation of track behind the substation on the material storage yard. This track has not yet been installed.
5. A Right of Way from the BLM for a power line. Identification number of the Right of Way is U-18934, it was issued on October 26, 1972.
6. A Special Use Lease Agreement from the Division of State Lands and Forestry for 160 acres. This is for the SE 1/4, Section 2, T. 17 S., R. 7 E. The identification number for the lease is SULA 284, issued on November 6, 1978.

File in:

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 Shelf
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Refer to Record No. 0031 Date 2-25-83

In C/ 015, 018, Internal

For additional information

Inspection Memo to Coal File
ACT/015/018-A
February 25, 1983
Page Two

UMC 817.11 Signs and Markers

Because of the amount of snow on the ground at the time of the inspection. I was not able to get up the fan road in order to see if the buffer zone marker had been moved as requested. A proper identification sign was posted at the mine entrance as required. Perimeter markers were properly posted around the mine yard area. Since the inspection and the issuance of NOV N83-4-1-1 a question has risen as to whether or not perimeter markers are properly posted along the overland conveyor to the power plant or in fact whether they are needed along this corridor.

UMC 817.41 - .52 Hydrologic Balance

Because of the amount of snow on the ground I was not able to determine whether the disturbed area runoff inlets on the shop/warehouse/parking lot pad in order to were properly maintained.

In accordance with UMC 817.46 (t) a report was submitted by UP&L on January 17, 1983 on the status of the Deer Creek Mine sediment pond during each quarter of 1982.

UMC 817.52 Surface and Ground Water Monitoring

On March 23, 1982 the EPA issued UP&L, NPDES permit UT-0023604, this permit expires on December 31, 1986. NPDES water monitoring reports were available through the 3rd quarter of 1982. They indicated that there had not been any discharge from the sediment pond.

Surface runoff data for the mine was available through October. In reviewing this data there appeared to be no problems.

Mine water from the Deer Creek mine is discharged to the Huntington Power Plant, according to the operator an NPDES permit is not required for this discharge. Water monitoring data through October was available for this discharge.

UMC 817.61 Use of Explosives

While conducting the inspection I came across a 50 pound case of Hercogel explosives. It was placed behind the warehouse in an unlocked wooden crate marked "Danger - Explosive Powder", the box was unattended and when one of the workers in the warehouse was asked about it, he said that the explosives would

Inspection Memo to Coal File
ACT/015/018-A
February 25, 1983
Page Three

go into the mine on the next shift change at 4:00 A.M., it was 3:00 P.M. when I observed it. Upon returning to the Division offices I called MSHA to see if there were any regulations governing the transportation and storage of these explosives. After explaining the situation to them they said that the explosives will never be unattended or stored in that manner for any length of time. In the future MSHA should be contacted immediately.

UMC 817.97 Protection of Fish, Wildlife and Related Environmental Values

According to a letter from the Division dated November 26, 1982 the U. S. Fish and Wildlife Service completed a survey of existing power lines at the Deer Creek Mine to determine if they posed an electrocution hazard to eagles or other large raptors. The survey indicated that the power lines were designed and constructed in such a manner as to be "safe" to raptors.

UMC 817.121 - .126 Subsidence Control

UP&L has monitored for subsidence in cooperation with the Bureau of Mines since 1979. On the ground surveys are conducted at least twice a year in order to monitor for subsidence. The subsidence due to the Deer Creek Mine which was discovered this last summer above and to the east of the Wilberg minesite was monitored weekly for a period of time and is now being monitored once a month. Since the subsidence was found and surveys initiated, the operator has not observed any further subsidence in that area.

UMC 817.180 Other Transportation Facilities

While inspecting the overland conveyor from the tipple to the Huntington Power Plant I found that approximately 60 acres of undisturbed area passes through the C1 - C2 transfer point disturbed area via an ephemeral drainage. The drainage enters into this disturbed area where it can pick up large amounts of coal fines and then leave the permit area untreated and enter Deer Creek which eventually empties into Huntington Creek. Because of this NOV N83-4-1-1 was issued on January 13, 1983. It reads as follows:

Nature of the Violation

Failure to pass all surface drainage from the disturbed area through a sedimentation pond or treatment facility before leaving the permit area.
Failure to design, construct and maintain transportation facilities to prevent to the extent possible, using the best technology currently available, additional contributions of suspended solids to the streamflow or runoff outside the permit area.

Inspection Memo to Coal File
ACT/015/018-A
February 25, 1983
Page Four

Provision of the Regulations, Act or Permit Violated

UCA 40-10-18 (2)(i)(ii), UMC 817.42 (a)(1), UMC 817.180 (a)(2).

Portion of the Operation to Which Notice Applies

C1-C2, transfer point area.

Remedial Action Required

- a. Implement temporary sediment control measures.
- b. Submit to the Division for approval, plans detailing how the surface drainage from the above mentioned area will be treated in order to prevent to the extent possible additional contributions of suspended solids to streamflow or runoff outside the permit area. Implement said plans immediately upon Division approval.

Time for Abatement

- a. Immediately.
- b. 30 days from date of receipt for submittal of plans. Implementation should be completed 90 days from date of receipt.

While reviewing the Mining Reclamation Plan (MRP) for Deer Creek in regard to the overland conveyor, I found that the operator had provided information and drawings relative to section C1 of the conveyor but had not furnished such information for section C2. I pointed this out to the lead reviewer on the Deer Creek MRP, Mary Boucek, who notified UP&L of the deficiency in their plan via a January 12, 1983 letter from the Division.


DAVID LOF
FIELD SPECIALIST

DL/lm

cc: Tom Ehmett, OSM
Larry Guymon, Emery Mining Corporation
Joe Helfrich, DOGM

Statistics:

For December 8th, see Wilberg Mine memo, dated February 8, 1983
For December 30th
Vehicle: EX #45428 - 350 miles.