

Document Information Form

Mine Number: C/015/019

File Name: Internal

To: DOGM

From:

Person N/A

Company N/A.

Date Sent: MAY 11, 1984

Explanation:

INSPECTION memo TO COAL FILE.

cc:

File in: C/ 015, 019, Internal

- Refer to:
- Confidential
 - Shelf
 - Expandable

Date _____ For additional information

May 11, 1984

Inspection Memo
to Coal File:

RE: Utah Power & Light Company
Wilberg Mine
ACT/015/019, Folder #7
Emery County, Utah

DATE: May 4, 1984
 TIME: 12:00 p.m. - 5:00 p.m.
 WEATHER: Overcast, cool with snow flurries
 COMPANY OFFICIALS: Emery Mining Corp: Larry Guymon, Val Payne, Dick Northrup
 Utah Power & Light: J. Blake Webster, Roger Fry,
 Chris Shingleton, Chuck Semborski,
 STATE OFFICIALS: DOGM: Ken Wyatt, Ev Hooper
 FEDERAL OFFICIALS: OSM: Jodie Merriman, Shirley Lindsay
 BLM: Mervin Miles, Jim Ward
 USFS: Steve Robison, Irene Savanyo-Lemley, Sam Hotchkiss
 ENFORCEMENT ACTION: None

Compliance with Permanent Performance Standards

UMC 771 et al Permits

Permits and approvals available in the mine office included a May 11, 1978 letter from Ron Daniels granting interim approval to mine. No new approvals or permits have been granted since the previous inspections. Discussions with U. S. Forest Service personnel indicated that the special use permit application for the southeast corner of the Wilberg Mine area is still under review and should be granted this summer.

UMC 817.11 Signs and Markers

Appropriate mine identification signs, perimeter markers and buffer zone signs were observed in the appropriate places. The Cottonwood Portal ID sign was still located on the west side of the road. UP&L should consider moving this sign to the east side of the road as discussed on previous inspections.

UMC 817.41-.52 Hyrdologic Balance

Maintenance work has been diligently performed throughout the Wilberg Mine area in relation to the OSM permit review inspection conducted at this time. Strawbales along the access to the Deer Creek portals had been replaced. The disturbed area culvert outlet from the South Wilberg pad had been concreted to prevent damage to the culvert when the ditch is graded. The undisturbed diversion bypass culvert inlet up the Right Fork of Grimes Wash was without a trash rack. This was discussed with the operator and it was recommended that a trash rack be installed on this inlet.

The lower sedimentation pond has leaked again. Work was being conducted during this inspection to liner into the bottom of the pond. Show leakages UP&L should consider reconstructing the mentioned at this time the evidence of this leak. I did not know where the water It should be examined for the observable. UP&L

File in:
 Confidential
 Shelf
 Expandable
 Refer to Record No 0023 Date 5-11-84
 In C/ 015, 019, Internal
 For additional information

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The lower sedimentation pond has leaked again. Work was being conducted during this inspection to repair this leak by placing a clay liner into the bottom of the pond. Should these ponds continue to produce leakages UP&L should consider reconstructing these ponds to prevent future leaks. It should be mentioned at this time that the undisturbed bypass outlet was examined for evidence of this leak. No evidence of oils or coal fines were observable. UP&L did not know where the water from the pond had leaked to.

At the Cottonwood Portal area the undisturbed diversion above this disturbed area was examined and was in good operating condition. All ponds were dry except #3. No discharge was occurring.

UMC 817.52 Surface and Ground Water Monitoring

The Wilberg Mine was issued a NPDES permit on November 20, 1981 with an effective date of December 31, 1981. This permit allows discharge from the sediment pond and the mine water discharge into the Left Fork of Grimes Wash. This permit expires December 31, 1986.

Surface water monitoring data was available for April 12, 1984. These data are depicted in Table 1 below:

TABLE I
SURFACE WATER MONITORING

| SITE * | FLOW (GPM) | TEMP (°F) | COND umhos/cm | pH | TDS (mg/1) | TSS (mg/1) | Fe (mg/1) | Mn (mg/1) |
|-----------|---------------|--------------|------------------|-----|---------------|---------------|--------------|--------------|
| LF | 75 | 34 | 600 | 8.4 | 352 | 30.5 | [.05 | [.01 |
| RF | 14.8 | 32 | 750 | 8.3 | 477 | 42.0 | .24 | [.01 |
| B | 315 | 48 | 1000 | 8.3 | 690 | 25.0 | .10 | [.01 |

* LF = Left Fork Grimes Wash above mine
 RF = Right Fork Grimes Wash above mine
 B = Grimes Wash below mine

The Wilberg Mine water discharge data was available for March and April 1984. These data are shown in Table II below.

TABLE II
 WILBERG MINE WATER DISCHARGE

| DATE | COND | CHLORIDE | OIL GREASE | pH | TDS | TSS | SULFATE | Fe | Mn | Mg | Ca | Na |
|------|------------|----------|---------------|-----|--------|--------|---------|--------|--------|--------|--------|--------|
| 1984 | (umhos/cm) | (mg/1) | (mg/1) | | (mg/1) | (mg/1) | (mg/1) | (mg/1) | (mg/1) | (mg/1) | (mg/1) | (mg/1) |
| 3-6 | 1090 | 15.8 | [.5 | 7.9 | 763 | [.5 | 230 | [.05 | [.01 | - | - | - |
| 3-9 | 1050 | 14.2 | - | - | 718 | - | 310 | - | - | 60.0 | - | 37.5 |
| 3-12 | - | - | - | - | 720 | - | - | - | - | - | - | - |
| 3-13 | 1150 | 15.6 | - | - | 708 | - | 260 | - | - | 61.8 | 110.4 | 38.0 |
| 3-14 | 1100 | 15.7 | - | - | 750 | - | 295 | - | - | 61.3 | 111.2 | 38.0 |
| 3-15 | 1000 | 17.3 | - | - | 740 | - | 280 | - | - | 59.8 | 109.6 | 38.0 |
| 3-15 | 1100 | 15.6 | - | - | 690 | - | 300 | - | - | 62.0 | 112.0 | 34.0 |
| 3-16 | 1100 | 16.0 | - | - | 650 | - | 300 | - | - | 60.6 | 110.4 | 37.0 |
| 3-19 | 1080 | 15.8 | - | - | 695 | - | 300 | - | - | 62.0 | 112.0 | 35.0 |
| 4-12 | 1000 | 13.5 | [.5 | 7.7 | 678 | 5.0 | 280 | .05 | [.01 | 62.0 | 106.0 | 37.8 |
| 4-19 | 1025 | 13.3 | 0.7 | 7.8 | 670 | 4.5 | 310 | .07 | [.01 | - | - | - |

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UMC 817.71-.73 Disposal of Underground Development Waste and Excess Spoil
and Nonacid and Nontoxic Forming Coal Processing Waste

A visit to the waste rock disposal site was conducted. Discussion with Mervin Miles of the BLM indicate that the fence surrounding the waste rock disposal site is no longer needed in the opinion of the BLM as required in the original BLM approval. Should grazing minimize revegetation attempts then a fence may be required.

Mr. Guymon indicated that coal stored on this site is temporary until the future cells are permitted at which time this additional coal material will be excavated and mixed with rock to form the 50/50 coal/rock ratio as indicated in the BLM approvals. This work is awaiting the additional cell approvals which are pending the final permit approval scheduled sometime this spring.

UMC 817.89 Disposal of Noncoal Waste

Noncoal waste from the Wilberg Mine is temporarily stored in the concrete bin located on the middle material storage pad. These wastes are hauled to the Hunter Power Plant sanitary waste land fill for disposal.

UMC 817.100 Contemporaneous Reclamation

The old fan access road had been reclaimed. This area has been hydroseeded during the previous weekend. Additional handwork was conducted in areas that were inaccessible by the hydroseeding equipment.

Ken Wyatt *KW*
Mining Field Specialist

KW:re

cc: Jodie Merriman, OSM
Larry Guymon, Emery Mining Corporation
Joe Helfrich, DOGM
Mary Boucek, DOGM

Statistics: See Utah Power & Light's Deer Creek Mine memo dated May 11, 1984
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