

Document Information Form

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File Name: Internal

To: DOGM

From:

Person N/A

Company N/A

Date Sent: MARCH 30, 1982.

Explanation:

INSPECTION MEMO TO COAL FILE

cc:

File in:
CI 015, 019, Internal

- Refer to:
- Confidential
 - Shelf
 - Expandable

Date _____ For additional information

March 30, 1982

Inspection Memo
to Coal File:

RE: Utah Power & Light Company
Cottonwood Portal
ACT/015/027
Emery County, Utah

Larry Guymon, Emery Mining Company, Jody Merriman, OSM and Sandy Pruitt, DOGM conducted a complete field inspection of the Cottonwood Portal area on March 24, 1982. Several compliance problems were observed during the inspection resulting in NOV group #N82-2-2-2.

Inadequate maintenance of the ditch between the upper and lower sediment ponds allowed for disturbed area runoff to leave the permit area untreated. The sediment ponds were close to 60 percent full and required cleaning. Straw bales along the access roads and, in particular the main access road to the portals, were nearly covered with sediment and several short-circuited. Due to inadequate drainage control on the fill slope for the access road, water had ponded and infiltrated into the fill. Tension cracks were observed along the extent of this fill and erosion from the infiltration is significant. As a result, NOV #1 (N82-2-2-2) was issued for failure to maintain sediment control structures to minimize erosion and ensure slope stability. Remedial action requires:

1. Clean out the sediment pond and reestablish and maintain the ditch between the ponds.
2. Replace and maintain all straw bales as needed.
3. Stabilize slopes to prevent infiltration of runoff water and prevent slope failure.

Abatement deadline is May 9, 1982. The construction of a surface grade into the highwall with a riprapped ditch along the base of the highwall was discussed as a means to minimize maintenance of the diversion and prevent ponding following slope stabilization measures.

NOV #2 (N82-2-2-2) was issued for failure to protect topsoil. Runoff from the topsoil and subsoil stockpiles has eroded the stockpiles; topsoil lost from the stockpile is carried off the permit area or into sediment basins (which also collect road drainage). Remedial action requires the construction of a berm (or some type of barrier) along the base of the stockpiles to divert road runoff away from the piles and to retain topsoil within the stockpile. The abatement deadline is May 9, 1982.

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An additional concern was noted at the discharge point from the overland flow diversion above the portals. Energy dissipators in the form of riprap are needed to minimize erosion and stabilize the discharge point.

NPDES permit #UT-0022896 expires June 30, 1986, and authorizes discharge point #002 for the Cottonwood Portal sediment ponds. No discharge was reported for the fourth quarter. Water monitoring data in Cottonwood Creek for this last quarter were adequate and in compliance.

SANDY PRUITT *SP*
RECLAMATION OFFICER

cc: Tom Ehmett, OSM
Larry Guymon, Emery Mining Corporation
Inspection Staff

SP/btb

Statistics:

Vehicle: #EX 45421--711 miles
Per Diem: 1 person X 3 days, 11 1/2 hours = \$122.41
Grant: A & E