

Document Information Form

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Person N/A

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Date Sent: JUNE 29, 1982

Explanation:

INSPECTION memo TO COAL FILE

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File in: C/015, 019, Internal

- Refer to:
- Confidential
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Date _____ For additional information

June 29, 1982

Inspection Memo
to Coal File

#7
RE: Utah Power & Light
Cottonwood Portal
ACT/015/027
Emery County, Utah

The above mentioned site was visited by Division inspector David Lof on April 20, 1982, he was accompanied by Larry Guymon of Emery Mining Company. The purpose of the inspection was to determine the status of compliance actions which were supposed to have been taken on NOV N82-2-2-2 and several other areas of concern which were discussed with the operator during the March 24, 1982 inspection conducted by Sandy Pruitt of the Division.

The discharge point of the overland flow diversion above the portals was rip-rapped in order to minimize erosion and stabilize the discharge point.

Violation #1 of 2 was issued for failure to maintain sediment control structures to minimize erosion and to ensure slope stability. In order to comply with the remedial actions required, the operator had cleaned out the sediment ponds, reestablished the ditch between the ponds, and replaced and maintained the straw bale dikes on the bench on top of the fill slope. The third portion of the remedial actions required was the stabilization of the slopes to prevent infiltration of runoff water and prevent slope failure. Ms. Pruitt had observed that the straw bale dikes along the bench above the fill, were nearly filled with sediment and several had short circuited. Due to the poor drainage control, water had ponded and infiltrated into the fill. According to Ms. Pruitt the tension cracks along the extent of the fill and a significant amount of erosion were due to the infiltration. Ms. Pruitt discussed with the operator the possibility of rip-rapping the ditch on the bench as a means of minimizing the maintenance on the diversion, and preventing ponding above the fill. The slope stabilization study which was conducted on the Cottonwood portals by Rawlins, Brown, and Gunnell Inc. concluded that it was imperative that surface drainage be implemented throughout the dump area so that no appreciable infiltration would occur in the dumps. It was recommended that dump #1 be graded in such a manner that no ponding would occur in any localized areas throughout the surface.

At the time of the inspection Mr. Guymon explained that he felt that due to the fact the fill was not a select fill nor the slopes compacted, that tension cracks were still going to appear on the slope as the slope consolidates itself. He also felt that the amount of ponding behind the straw bales was of no consequence.

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NOV #2 was issued for failure to protect topsoil. The remedial action required the construction of some type of barrier along the base of the stockpile to divert road runoff away from the piles, and retain topsoil within the stockpile. The abatement deadline was May 9, 1982. At the time of the inspection the topsoil protection had not been implemented. Mr. Guymon explained that they are planning on staking straw bales in place along the slope, then installing a fence on the downhill side of the bales to help hold them in place.



DAVE LOF
RECLAMATION OFFICER

DL/tck

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

Statistics:

See Sunnyside Mine Complex memo dated April 30, 1982