

0011

July 17, 1985

File

TO: Coal File, Inspection and Enforcement Folder
FROM: Sandy Pruitt, Mining Field Specialist *SP*
RE: Deer Creek Mine, Utah Power and Light Company, ACT/015/018,
Folder #7, Emery County, Utah

DATE: June 28, 1985
TIME: 9:00 - 12:00 noon
WEATHER: Fair, hot
COMPANY OFFICIAL: Val Payne
STATE OFFICIAL: Sandy Pruitt
ENFORCEMENT: none

COMPLIANCE WITH PERMANENT PERFORMANCE STANDARDS

UMC 771 et al Permits

Due to time constraints on Friday afternoon, a thorough examination of paperwork (permits and water monitoring data) was not completed. The reader is referred to the upcoming report on a July inspection.

UMC 817.11 Signs and Markers

All required signs and markers are posted and clearly visible.

UMC 817.41-.57 Hydrologic Balance

Erosion/sedimentation control measures along the conveyor access road were in need of maintenance already. In particular, the silt fence located at the lower end of the section of conveyor which parallels the mine access road is nearly full of sediment and has a hole in it. There is some sedimentation evident on the back side of the silt fence also. Drainage through this silt fence flows into a large vegetated depression before reaching Deer Creek. This fence was replaced following the heavy spring runoff season. Two water bars located above the fence, along the same section of the conveyor along the mine access, were not extended under the conveyor such that runoff from the road and conveyor corridor flowed under the conveyor along two to three times the distance from that designed, resulting in erosion under the conveyor and excess sedimentation at the silt fence. Emery Mining Corporation should maintain the silt fence and extend the two water bars as designed to correct the problem in preparation of the next inspection. Several other water bars must be dug out again, particularly those near the bottom of the canyon.

The tin shields secured onto the conveyor at the rollover are functioning well to keep coal fines out of the adjacent undisturbed drainage ditch.

An old spoil pile, from the development of the bench cuts above the ROM conveyor, is located in a disturbed area drainage ditch along

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the water tank access road. Immediately following this inspection, Larry Guymon proposed to use the material as substitute topsoil to spread on the outslope of the waste rock disposal area and/or the ROM conveyor downslope. Samples of the soil material must be analyzed and the proposal submitted for DOGM approval in accordance with UMC 817.23(e), if intended for substitute material. Regardless, the spoil pile must be removed from the drainage ditch. It can be used as fill material as an alternative.

The undisturbed drainage diversion above the mine yard was inspected. Since mechanical access for repairs was made about two years ago, the diversion has revegetated well with very insignificant erosion occurring due to the rocky surface. The diversion is short circuited at the beginning of the ditch where sedimentation has filled in the ditch and runoff overflowed onto the bench and downslope, forming gullies. The diversion can be reestablished by hand.

The pad area for the Deer Creek mine ventilation portals adjacent to the Wilberg mine was not affected by the Wilberg mine fire.

sp

cc: Donna Griffin
Joe Helfrich
Val Payne
John Whitehead

Statistics: See Skyline Mine memo dated July 11, 1985

0292Q-15-16