

*File*

June 17, 1985

TO: Coal File, Inspection and Enforcement Folder  
FROM: Sandy Pruitt, Mining Field Specialist *SP*  
RE: Utah Power and Light Company, ACT/015/017, Folder #7, Emery County, Utah

The above mentioned mine complex was inspected by Sandy Pruitt, accompanied by Val Payne on June 5, 1985.

The Wilberg waste rock disposal site was inspected on the way to the mines. The sediment, removed from the Des-Bee-Dove Mine Sediment Pond, disposed into Cell #6 was still very wet and will probably be "boggy" for quite a while. Water from the sediment and runoff in Cell #6 has been well contained.

The drainage control measures installed along the Des-Bee-Dove/Wilberg connection road have functioned adequately. The two blocked culverts at Stations 219 and 227 + 50 have been cleared. Drainage into the culvert at Station 227 + 50 had backed up significantly sometime before this inspection. There was a minor obstruction inside the culvert just past the inlet. It could not be determined if this caused the backup or not but this obstruction should be removed as soon as possible.

Drainage from a section of the Des-Bee-Dove Mine access just above the gate flows off the road onto an old access to a preact coal stockpile area. During an April 24, 1985 inspection with OSM Larry Guymon, EMC was advised to improve the drainage control to minimize erosion along the access road and in the undisturbed area adjacent to the preact stockpile area. He committed to have a berm constructed across the old access road to divert road runoff back into the drainage ditch along the inside. At the time of this inspection, the drainage control berm had not been constructed as required. There was no additional erosion evident since the last inspection but the established drainage pattern had not been altered any to minimize erosion to the extent previously discussed. Following this inspection Larry Guymon was contacted to determine why the berm had not been constructed as agreed. He was surprised had to hear that the berm had not been constructed, mentioning that he instructed his crews to construct the berm on two separate occasions previously and he was sure that they knew exactly where the berm was required. NOV #1 of 1, N85-2-8-1 was issued at the mine office on June 6, 1985 for the failure to minimize erosion to the extent possible, UMC 817.45, UMC 817.153(8)(2), UCA 40-10-17(2)(d). The portion of the operation cited was road drainage onto the preact coal stockpile area located near the gate at the mine access. The remedial action required was construction and maintenance of the berm across the access road to the preact coal stockpile area that effectively diverts road drainage into the road drainage ditch as designed. The abatement deadline was set at

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June 20, 1985. Larry Guymon called on June 10, 1985 to report abatement of NOV N85-2-8-1. A follow up inspection will be conducted for termination of the NOV effectively that date. The entire mine complex had been cleaned up significantly since the last inspection. Underground development waste and ash had been removed to the waste rock disposal site and noncoal waste materials were stored in a control manner for haulage off site. Rock dust had been sprayed over the entire pad area around the Deseret portal. Val Payne said that MSHA required Emery Mining Corporation (EMC) to spray rock dust over the coal fines around the portal and the ROM conveyor as a fire retardant. The rock dust is a source of increased TDS in the surface area runoff.

Some of the damage to the East Mountain access road was inspected. Road damage resulted in the release of runoff directly onto the disturbed area from a larger watershed area than designed. Runoff escaped the road drainage ditch to flow downslope onto the Beehive Mine substation pad contributing to the excessive erosion on the downslope of the substation pad. In an erosion stabilization plan submitted May 9, 1985, EMC commits to repair the road damage for proper drainage control. The road damage inspected is located directly above the substation. Up to that point there is a deep diversion ditch along the inside of the road. The diversion ditch takes up most of the road in places restricting vehicular access. The diversion shifts off the road at a sandstone rock ledge and drains onto the undisturbed slope above the substation pad. The sandstone bedrock presents a problem in establishing a diversion on the road. Larry Guymon thought that the rock appeared fractured enough that blasting would not be necessary. He mentioned that above that point in the road, water bar diversions designed to separate and reduce runoff volumes had failed also. Once these water bars further up the road are repaired, the runoff volume and velocities into the established diversion should be reduced for a more stabilized drainage control system. EMC intends on implementing the erosion stabilization plans as soon as they are approved by DOGM.

The surface grading necessary for drainage control on the Beehive/Little Dove Mine pad was originally scheduled for the vacation period in July 1985 but the project has been postponed until the mining permit is granted by OSM.

cc: Donna Griffin, OSM  
Larry Guymon, EMC  
Joe Helfrich, DOGM  
Dave Hooper, DOGM

Statistics: See Deer Creek Mine memo dated June 14, 1985