

July 16, 1984

Inspection Memo  
to Coal File

RE: Utah Power & Light Co.  
Des Bee Dove Mine  
ACT/015/017, Folder #7  
Emery County, Utah

DATE: June 22, 1984  
TIME: 8:45-1:40 pm  
WEATHER: Clear and warm, approximately 75°  
COMPANY OFFICIALS: Larry Guymon and Val Payne  
STATE OFFICIAL: Ken Wyatt, Tom Wright  
FEDERAL OFFICIALS: Frank Atencio  
ENFORCEMENT ACTION: None

Compliance with Permanent Performance Standards

771 et. al Permits

Applicable letters of approval and permits available at the mine office included:

An interim approval letter from Ron Daniels dated May 11, 1978.

A U.S. Forest Service special use permit issued on February 10, 1977. This permit covers 100.41 acres for installation of the warehouse, bathhouse, office, coal stockpile area, septic tank and sewage line, the scale facility, the watertank pump house and associated pipelines and the mine access road. This permit covers portions of sections 14, 23, 25 and 26 in Township, 17S; Range, 7E.

A Utah Division of State Lands special use lease application was issued on November 22, 1978, for the sediment pond installation located in Section 36, Township 17S, Range 7E. This permit covers approximately 40 acres of land.

817.11 Signs and Markers

The mine identification sign and perimeter markers were posted in the appropriate areas. The required information was complete on the mine identification sign.

#### 817.21-.25 Topsoil

A question was raised during this inspection concerning the subsoil material excavated during the sediment pond construction. This soil material is located southeast of the sediment pond and appeared to have no wind and water protective devices. This issue will be followed up on a subsequent inspection.

#### 817.41-.52 Hydrologic Balance

Drainage into the Beehive portals was discussed with the operator and OSM personnel. Mr. Guymon has indicated that UP&L has hired a consultant hydrologist to aide in the design in some type of facility to regulate water inflow into the portals. He further stated that MSHA will only approve water inflow into the mine if runoff from a precipitation event greater than the designed 10-year, 24-hour storm could be closed off and routed away from the portals, yet allowing runoff from lesser events to enter the mine. A system of berms and valves may be utilized to achieve this function.

Along the perimeter of the bathhouse pad, the concrete berm has deteriorated. Runoff from the pad could flow onto the downslopes and create additional erosion problems. Mr. Guymon stated that UP&L plans to remedy this situation during the upcoming miner's vacation in July. Other areas damaged during last year's flood are still in a state of disrepair. Maintenance work in these areas should be completed during the summer construction season. UP&L is having a problem with OSM in permitting this repair work since OSM does not wish to examine any changes to the MRP.

The sediment storage area northwest of the sediment pond was examined. This area was approved for temporary storage of these sediments until such time as they dry out sufficiently to be disposed of in the manner described in the MRP. A plan was reviewed in the mine office in which this area was being requested for permanent disposal. This plan addresses stability concerns as described in Division letters to the operator. This plan was received by the Division on June 29, 1983, and is being reviewed at this time.

#### 817.52 Surface and Groundwater Monitoring

Utah Power and Light was issued NPDES permit #UT-0023591 on March 22, 1984, effective on April 21, 1982. This permit allows discharge from the sediment pond into Grimes Wash and expires December 31, 1986.

817.71-.73 Disposal of Underground Development Waste and Excess Spoil and Non-acid and Non-toxic Forming Waste

Waste rock generated during underground rehabilitation work has been stockpiled on the lower material storage pad. UP&L desires to utilize this durable rock as fill for repairing the access road and further stabilizing the downslopes of the lower material storage pad. This material will need to be approved by the Division for this use. Other underground development waste generated that contains too high of a coal/rock ratio will be disposed of at the permitted waste rock disposal site.

817.89 Disposal of Noncoal Waste

Noncoal waste produced at the Des-Bee-Dove Mine was planned for disposal at the Emery County Landfill. Mr. Guymon indicated that the County Commissioners have turned down UP&L's request for disposal of waste at this site.

At this time Utah Power and Light plans to transport waste to the American Kinfolk Solid Waste Landfill just north of the town of Huntington. The approval from the State Health Department for the operation of this landfill was examined. This approval was dated November 10, 1983, with 8 operational stipulations. UP&L intends to utilize this site in several weeks.

817.101 Backfilling and Grading

Rills and gullies formed on the disturbed area due to uncontrolled runoff through the disturbed area need to be backfilled and stabilized using either vegetative cover or riprapped channels or other control structures. UP&L should plan to conduct this work this summer.

817.111-.117 Revegetation

Areas in need of revegetative work include slopes that are backfilled to repair gullies, the bathhouse and lower material storage pad downslopes, the sediment storage area, the old pumphouse access road, and the slopes along the newly constructed haul road. UP&L should plan to revegetate these areas this fall to help further stabilize them. UP&L must begin addressing this concern now in order to have the appropriate seed mixes approved and on hand for the upcoming fall planting season. This work should be conducted in order to avoid unnecessary enforcement action.

Page 4  
ACT/015/017  
July 16, 1984

817.131 Cessation of Operations

The Des-Bee-Dove Mine is still in an inactive condition. A limited crew is being retained onsite for purposes of rehabilitating the underground workings to allow for a quick startup once the mine begins operating. This crew also is being used for repairing areas on the surface.

817.150-.176 Roads

The access/haul road damaged during last year's flood, August 12, 1983, is still not repaired. This work needs to be performed to prevent additional damage should more heavy storms occur this summer.

The newly constructed haul road linking the Des Bee Dove Mine with the Wilberg haul road needs to be permitted according to sections UMC 788.12(a). This issue has not been addressed in the current MRP and will be followed up on during subsequent inspection.

Ken Wyatt *KW*  
Field Specialist

KW:grc  
95160-13-16

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

Statistics:

See Utah Power and Light Company's Deer Creek Mine Memo dated July 16, 1984.