

July 28, 1984

TO: Inspection Memo to Coal File  
 FROM: Ken Wyatt, Mining Field Specialist <sup>KW</sup>  
 RE: Utah Power and Light Company, Deer Creek Mine, ACT/015/018,  
folder #7, Emery County, Utah

DATE: July 9 and 10, 1984  
TIME: 2:30 pm - 5:30 pm & 8:30 am - 10:30 am  
WEATHER: Partly cloudy and warm with localized  
 thunderstorms  
COMPANY OFFICIALS: Emery Mining Corporation, Larry Guymon and  
 Val Payne  
 Utah Power and Light, Chris Shingleton  
STATE OFFICIALS: Ken Wyatt and Rick Smith  
OSM OFFICIALS: Keith Eggleston, Steve Manger, Shirley  
 Lindsay and Glen Tiedt  
USFS OFFICIALS: Walt Novak and Jo Ellis  
BLM OFFICIALS: Jim Ward  
ENFORCEMENT ACTION: None

Compliance with Permanent Performance Standards

771 et. al Permit

A May 11, 1978 letter from Ron Daniels granted interim approval for the operation of the Deer Creek Mine.

MSHA approval for the waste rock disposal site was given in a letter dated April 26, 1984, from John Barton. This waste site was permitted under ID#1211-UT-9-0041. This site was given temporary storage approval by Jim Smith of the Division in a January 18, 1984 letter.

817.11 Signs and Markers

All signs and markers are posted as required with the correct information.

817.41-.52 Hydrologic Balance

The upper diversion ditches above the terraces were accessed. Several areas have sloughed over the winter creating potential drainage problems. Utah Power and Light needs to maintain these ditches this summer

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The undisturbed bypass culvert inlets were all cleared and unobstructed. Water was flowing in the Deer Creek and Elk Canyon drainages.

The access road along side the conveyor below the sediment pond needs better drainage control to prevent potential sediment contributions into Deer Creek. Mr. Guymon committed to upgrading the berms along this road to better channel disturbed area drainage water to the silt fences.

Several of the silt fences recently replaced for the abatement of NOV #N84-7-4-1 have been impacted from the conveyor belt replacement activity. These fences should be maintained by the operator as needed.

#### 817.52 Surface and Groundwater Monitoring

The Deer Creek Mine was issued NPDES permit #UT-0023604 on March 22, 1982, effective 30 days following the company's receipt of this permit. This permit allows discharge from the Deer Creek Mine sediment pond into Deer Creek and expires on December 31, 1986.

In mine water monitoring data were available. In mine, samples were examined for March 26, 1984, at 3rd South Crosscut, 331 L and for drill hole EM-3. Water quality from these areas appeared good.

Surface data was available through May 1984. No problems were apparent with these data. The TDS for the below mine sample was generally 2 to 3 times higher than the above mine sample. Possible reasons for these increases could be related to snow removal activities along the Deer Creek mine road.

The flume installation in April for the below mine sample is still being overtopped by stream flow. In order to obtain reliable data, UP&L will need to replace this flume with a correctly sized one.

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

The underground development waste disposal site as discussed in the permit section of this memo, was being utilized at this time. The plan examined in the office calls for 4 foot lifts to be compacted. The MSHA approval recommended 2 foot lifts be compacted instead of 4. A certified professional engineer's quarterly inspection was committed to in the operation of this site. These certified inspection reports will be examined during subsequent inspections.

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817.89 Disposal of Non-coal Waste

Non-coal waste is stored in a dump area located north of the supply warehouse. Waste products are periodically hauled from the mine to the American Kinfolk Landfill just north of Huntington.

During the conveyor line replacement, the operator was advised to use caution not to impact the creek and adjacent areas when pulling the conveyor material off of the line. It was observed that the contractor had pulled some of this belting from the conveyor line and had encroached Deer Creek on the road's downslopes. This was discussed with Mr. Guymon who immediately advised his contractor to use care in the vicinity of the stream. No problem was created from this activity at this time.

817.100 Contemporaneous Reclamation

Areas disturbed this past year are to be reclaimed and revegetated this summer and fall. A plan was observed at the mine office that was sent to Mr. Wayne Hedberg, addressing the reclamation of the leachfield installation and the flume site. This plan proposed using an annual species until the fall planting season arrives at which time the permanent seed mix can be applied.

817.111-.117

Other areas in need of revegetation efforts this fall include:

The access road's downslopes adjacent to the conveyor line below the sediment pond.

The sewage line installation along the western side of the Deer Creek Mine road.

The downslopes from the ROM bench following some backfilling and stabilizing of gullies.

Kw:grc

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

Statistics:

See Co-op Mining Company's Bear Creek Canyon Mine memo dated July 25, 1984.

95160-32-34