March 12, 1985

TO: Coal File, Inspection and Enforcement Folder

FROM: Sandy Pruitt, Mining Field Specialist

RE: Deer Creek Mine, Utah Power and Light Company, ACT/007/018, Folder #7, Carbon County, Utah

A partial inspection of the Deer Creek Mine was conducted by Sandy Pruitt accompanied by Tom Facheux on February 27, 1985. All drainage culverts inspected were clear and runoff control measures functionally adequate with the exception of two silt fences in the series along the access road beside the C-1 conveyor section which were filled in with sediment and needed to be maintained.

Drainage control measures at the transfer point also need maintenance. Coal fines removed from the pad area were stockpiled in the two sumps here and behind the undisturbed drainage culvert inlet. The coal fine stockpiles should be relocated for utilization or disposal. The section of undisturbed drainage ditch along the cutslope of the C-1 conveyor just west of the undisturbed drainage culvert at the transfer station is heavily affected by coal fines dropping off the conveyor as it is turned over at this point. Due to sloughage and ice in the drainage ditch this "undisturbed" drainage (which was actually disturbed by the coal fines) had breached the ditch line to drain over the pad area toward the sump beside the mine access road . The approved designs for the undisturbed drainage control allow for this affected drainage to pass through only a silt fence before draining into the undisturbed 36 inch culvert into Deer Creek. Since the drainage is heavily impacted by the coal conveyor at this point, a siltfence, which is the approved sediment control measure, may not provide adequate treatment. Therefore, EMC was advised to allow the bypass to continue and maintain drainage into the sump until the modification to the designs could be obtained. It is unlikely that drainage from this small ditch section should significantly impact treatment provided by the existing sump's capacity but the drainage control designs should be modified for DOGM review and approval to provide adequate sediment control here.

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cc: Donna Griffin, OSM
Larry Guymon, EMC
Joe Helfrich, DOGM
Wayne Hedberg, DOGM

Statistics: See Wilberg Mine memo dated March 7, 1985
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