

October 30, 1978

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Memo to File:

Re: SUFCO
Convulsion Chayon Mine
ACT/041/002

Southern Utah Fuel Company's Convulsion Canyon Mine was inspected on October 25, 1978 by Mary Ann Wright, Mike Minder, and Mike Thompson. The purpose of the inspection was to familiarize Mr. Minder with the engineering problems concerning the fill area used as waste disposal.

There is evidence of recent materials being dumped over the edge; however, this may have been done to repair or increase the size of the berm around the edge. Company officials were not contacted. There was a back hoe digging out the previously blocked culvert adjacent to the guard house. The breach in the berm caused by the blocked culvert has not been repaired. The stoker coal facilities are presently being taken out and very little recent work is evident at the proposed stock pile area.

Due to last week's rains the cement sediment trap was observed to be partially full. It is not known if the filters were clogged or if the valves were closed.

The clay slumps behind the recently constructed cement retaining walls were observed and sampled by Mr. Minder. The clay slopes have recent large slumps and Mr. Minder is concerned about the adequacy of the already constructed retaining walls. Some material behind the retaining wall has not been adequately compacted and there are plans to place earth materials from the coal stock pile construction behind these walls. Mr. Minder also observed and sampled the fill slope used as a waste disposal site and he is also concerned about stability at this site. Mr. Minder would also like to contact Mr. Roland Heath concerning the rock excavation at the coal stock pile.

K. MICHAEL THOMPSON
ENGINEERING GEOLOGIST

K. M. T.

/sp

cc: O.S.M., Denver