

September 5, 1978

Memo to File:

Re: Southern Utah Fuel Co.
Convulsion Canyon Coal Mine
ACT/041/002

Southern Utah Fuel Co.'s Convulsion Canyon Coal Mine was inspected on August 30, 1978 by Larry Damru of O.S.M., Mike Thompson of the Division and Roland Heath of SUFCO.

SUFCO has applied to the U.S.G.S. to extend the 72 inch culvert under the surface facility pad 200 feet. The outslope of the pad would be rip-rapped down to the outcrop of the Star Point Sandstone. Extending the culvert would create enough storage volume to accommodate 25 years of spoil production. The spoil would not be dumped and compacted in lifts; it would be end-dumped off the edge of the existing pad and would rest at the angle of repose. In Mr. Damrau's opinion the spoil material cannot be disposed of in this manner and the spoil will have to be transported to other approved disposal facilities. If expansion of the pad is allowed the increase in surface facility area should be used for sediment control structures.

The old stoker coal facilities will be removed within a year and a new system added to the new crusher facilities.

Several items were found to be in need of repair. The culvert was plugged in the West Fork of Spring Canyon. The culvert under the access-haul road near the guard house was covered and the runoff had flowed across the road and down the outslope, thus causing erosion. The discharging end of this culvert hangs over the slope and should be cut and angled down the slope to prevent runoff from reaching high velocities and dislodging soil. Mr. Damrau suggested using discarded conveyor belts at the point of discharge. Lastly, the sedimentation trap has a broken wall and does not presently have the bag filters installed as proposed by SUFCO. Mr. Heath stated the filters will be installed by September 22, 1978.

SUFCO will be contacted about the proposed pad and the items in need of repair.

K. MICHAEL THOMPSON
ENGINEERING GEOLOGIST

KMT/sp
cc: O.S.M., Denver