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Le SUFCO



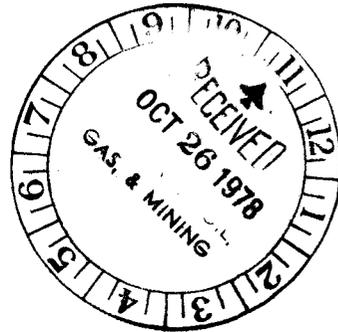
**Southern Utah
Fuel Company**

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ACT/041/003
Division of
Coastal States
Energy Company

September 26, 1978

U.S. Forest Service
Fish Lake National Forest
District 4
Richfield, UT 84701



#2

ATTENTION: Darrel Hintze

Dear Darrel:

As discussed in our phone conversation last tuesday, SUFCo has several projects on the surface that need to be completed before winter.

The changes that are now taking place in the government for surface management is confusing to us and we hope that you will help us in this transition period.

The following are projects that are ongoing or planned for construction before winter. We plan to continue on construction schedule unless we here otherwise from you.

Last spring the cut slope immediately above the portals began to move, (see general arrangement map #1). The movement was probably caused by the portal area being faced off (1971) at a cut angle steeper than the surrounding stable slopes, and because last winter and spring were abnormally wet. The cut slope began inundating the portals and threatening the stability of the main power substation that sits on a bench above the portals. (As you observed)

Southern Utah Fuel Company reacted quickly by building a retaining wall to stop the movement. The retaining wall was constructed high enough at the toe of the slope so that the slope could be backfilled and contoured to a 2 to 1 slope. A 2 to 1 slope is stable in this type of soil with the general dip of the rock bed found on the east side of the hill. (See retaining wall design map #2)

The main wall was constructed in May and June with a small section not complete at the point where the old 42" belt conveyor came out of the mine. This section could not be built until the new crusher with the new 54" conveyor belt was placed in service idling the old 42" belt conveyor. The new system is operating now and crews are disassembling the 42" belt conveyor.

SUFCo now plans to obtain the material to contour behind the retaining wall from the west hillside at an area where construction for a run of mine stock pile is intended (as approved in Memo #1). Dumping the material in behind the retaining wall will eliminate the need for disposing of the material (over the south embankment) when final construction on the run of mine stock pile starts in 1 or 2 years.

Enclosed are drawings of the cut area with slope angles and material figures. (see map #3). Material from the cut area will be moved to the retaining wall

by a pay loader and then shaped with a bulldozer. Material to be moved is approximately 4500 yd³. Construction will start October 20, 1978, to insure completion before winter weather sets in. SUFCo feels that the slope should not be exposed to snow and rain without back filling and contouring to insure the stability of the power substation.

The west hillside is very steep with many exposed cliff faces, the steepness is due primarily to the rock strata dipping into the west. Because of the steepness and exposed cliff faces, rocks free fall occasionally into the yard, threatening the safety of the men and damage equipment. To reduce this hazard, SUFCo has begun pulling off loose boulders along the west side where the yard is exposed, and plan to protect the truck bins and scale with a bin wall configuration shown in map #4.

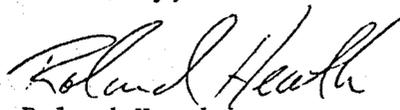
The surface facilities area is sloped so that the water will run into a flood sediment tank. The tank is now fitted with a filter bag system to meet the intent of the new OSM flood catchment requirements. (see map 5).

Enclosed is a copy of a letter sent to the U.S.G.S in response to a meeting held with the Forest Service and the U.S.G.S. (see Memo #2) at the mine site.

As you recall the mine produces a small amount of material (approximately 3000 yd³ a year) that can't be sold or stored underground. SUFCo proposed to dump the material over the south embankment throughout the life of the mine. At completion of the mine reclamation, the site would be carried out as agreed to in the approved mining plan. All trash from the mine is being trucked to the Salina City dump.

We will continue the surface construction as planned. If you have any questions, please call me.

Sincerely,


Roland Heath
Chief Engineer, P.E.

RH/ml1

Enclosures

xc: Tom Gambill
Vernal Mortensen