

July 15, 1958

Mr. Wayne D. Criddle  
State Engineer  
State Capitol, Salt Lake City

Dear Mr. Criddle:

RE: Paragonah Canal Co.

The Paragonah Canal Co. Sec., Mr. Robinson, wrote to the State Engineer November 2, 1957 requesting information as to how waste could be prevented at Parawan City's Power Plant on Red Creek. Mr. Norseth answered this letter on November 7, 1957, but an investigation was not made until recently.

July 8, 1958 an examination was made by Clifton Johnson (of the State Engineer's Office), Calvin Robinson, Gilbert Robinson and Doyle Robinson (all of Paragonah Canal Co.). During this investigation a visit was made to the two intakes of the Power Co. pipeline and points downstream. Conditions were as follows:

1. About 9:00 A.M. all of the water in the main channel of Red Creek was going into the pipeline at the intake. However, during the previous night some water (perhaps  $\frac{1}{2}$  to 2 c.f.s.) had passed over the dam at the intake and gone down the channel and would probably be lost as surface supply for use below.
2. The branch pipeline on the South Tributary was not taking water during the visit and probably had not been in operation for some time. Therefore, the water from this tributary was flowing down the channel subject to natural channel losses.
3. The springs and seeps below the pipeline intakes were adding to the water from the South Tributary (about  $\frac{1}{2}$  to 1 c.f.s.) and diverted at the mouth of the canyon for irrigation. When the flow is less than during this visit very little of this water will be salvaged.

It appears that better cooperation between the Power Co. and the Canal Co. would be extremely beneficial for obtaining complete utilization of the water for both power and irrigation. Such dual use of the water presents difficult problems which can best be worked out by mutual cooperation and not by outside parties or the courts of law, if possible. The following recommendations are made to the State Engineer:

1. That Parawan City be instructed to operate the power plant in such a way as to prevent overflow as much as possible with extreme care.
2. In the event of continued waste that a study be made to determine losses and parties directly responsible.
3. That cooperative studies be encouraged by the Canal Co. and power interests to salvage the water from the seeps and springs below the intakes of the pipeline.

: Calvin Robinson, Canal Co.  
Howard Joseph, Mayor of Parawan

Yours very truly,

*Clifton W. Johnson*

Clifton W. Johnson, Engineer