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STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Water Rights

ACT 007/004  
CC: SLK  
TNI

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dee C. Hansen, State Engineer

1636 West North Temple • Salt Lake City, UT 84116 • 801-533-6071

June 9, 1982

Ms. Sally Keffer, Hydrologist  
Utah Division of Oil, Gas, and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

RE: Price River Coal Company  
Pond Relocation  
Crandall Canyon  
Carbon County, Utah

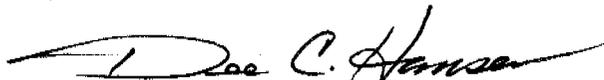
Dear Ms. Keffer:

As per your request of June 1, 1982 we have reviewed the proposed construction for the above mentioned pond. The following are offered:

1. The construction drawing labeled Crandall Canyon Pond Relocation Plan Exhibit NP-2 indicates that the upstream slope of the pond will be approximately 0.5:1. This slope is not satisfactory for compacted natural materials.
2. Based on Bob Morgan's discussion with Messrs. Wiley and Pero of Price River Coal Company, it was determined that the embankment fill would be a free draining, well-graded material. A pond liner will probably be necessary to prevent large amounts of seepage from the pond.
3. Several small diameter observation wells should be established to monitor the seepage from the pond.

If you should have any additional questions, please feel free to call me or Bob Morgan of my staff.

Sincerely,

  
Dee C. Hansen, P.E.  
State Engineer

DCH/RLM/cm

cc: Price Area Office  
Price River Coal Company  
Steve McNeal,  
Department of Health

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Deputy State Engineer/Earl M. Staker    Directing Engineers/Harold D. Donaldson • Donald G. Norrath  
Stanley Green • Robert L. Morgan

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