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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 6, 1985

Mr. Kenneth B. Hutchinson, Chief Engineer
Price River Coal Company
P.O. Box 629
Helper, Utah 84526

Dear Mr. Hutchinson:

Re Hardscrabble Drainage Plan, Condition to Permit No. UT-007,
Price River Coal Company, ACT 007/004, Carbon County, Utah

The Division has received your submittal of October 31, 1985 concerning Special Conditions for Permit No. UT-0007 related to the proposed drainage control modifications for Hardscrabble Canyon. Following our review, the following deficiency was noted. An SCS Type I storm distribution was used for all the calculations of peak flow events for the proposed designs. This storm distribution was developed and intended for use in Hawaii, the coastal side of the Sierra Nevada in southern California, and the interior regions of Alaska. A Type II distribution must be used for all other areas of the interior United States. The proposal must be reevaluated using the Type II distribution. Since the peak flow values represent the basis for the remaining design of the facilities, the submittal was not further reviewed for accuracy or content. We will review the remainder of the proposal as soon as the corrected designs are submitted.

Thank you for your time on this matter and feel free to contact myself or Rick Summers of my staff if you have any further questions.

Sincerely,

A handwritten signature in cursive script that reads "L. P. Braxton".

L. P. Braxton
Administrator
Mineral Resource Development
and Reclamation Program

rps
cc: Allen Klein
Dave Cline, DOGM
James W. Buck, Amax Coal Company
0317R-60