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August 28, 1986

TO: File

FROM: David W. Darby, Geologist *DWD*

RE: In Mine Monitoring Program, Price River Mine Complex,
Castle Gate Coal Company, ACT/007/004, Carbon County, Utah

On August 18, 1986, Richard Allison and I surveyed the #5 Mine at Castle Gate Coal (CGCC) Price River Complex to monitor ground water flow into the mine.

We visited several sites in the mine that was randomly picked by me prior to entering the mine for the best diversity. We also traveled the full length of the main entry to the lowest portion of the mine along the dip slope.

The mine was not operating and had not been operated since Price River Coal Company temporarily ceased operation.

Only one small floor seep was noticed during the survey. Its flow was approximately 0.2 gallons per minute. No large accumulation of water was noted in the mine, nor any flow from wall or the roof (ceiling). The No. 5 mine is relatively a dry mine and no in mine monitoring is necessary at this time.

Longwall panels along 10th and 11th west and 7th east will be extracted during the next two years. The mine will then be sealed after all the reusable equipment is removed. No pillars will be pulled because CGCC plans to reenter and mine other areas in the future.

Any major inflows intercepted during future mining development will be monitored by CGCC. In February CGCC will contact the Division to conduct a similar survey in the No. 3 Mine prior to its opening. If any flows are contacted at the time an in mine water monitoring program will be developed consistent with DOGM requirements.

In view of this information I recommend that Special Condition #6 of the Price River Mine Permit be suspended.

jvb
0005R-41