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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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Salt Lake City, Utah 84180-1203
801-538-5340

March 1, 1991

Mr. Allen Childs
Genwal Coal Company
P. O. Box 1201
Huntington, Utah 84528

Dear Mr. Childs:

Re: Deficiencies, Revision of Plan to Add Leases ML-21568 and ML-21569, Genwal Coal Company, Crandall Canyon Mine, ACT/015/002-00-2, Folder #2, Emery County, Utah

The Division has completed review of your company's plans to add State Leases ML-21568 and ML-21569. The plans were reviewed and found to be inadequate by the Division's technical staff. Items that need to be corrected prior to revision approval are listed below:

- 1) The least documents, or the documents upon which Genwal bases its right to enter and begin coal mining, must be submitted to the Division.
- 2) An interpretation of the exploration logs should be provided to help characterize the geologic and hydrologic regime within the overburden.
- 3) Provide a water budget for mine inflow.
- 4) Provide the developed plan for NPDES permit concerning unexpected large inflow, as is referred to on Pg. 7-40 of the approved MRP.
- 5) Provide a treatment plan for mine inflow that is not used in the mining process.
- 6) All references to regulations within the proposal should be changed to reflect the new R614 regulations.

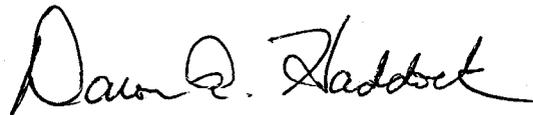
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- 7) Commit to reporting non-sulfate sulfur percentages, and the meq/L of Ca, Mg, and Na in the roof and floor samples.

Please submit ten (10) copies of the above requested information by March 15, 1991.

If you have any questions, please call.

Sincerely,



Daron R. Haddock
Permit Supervisor

mbm

cc: J. Helfrich
P. Burton
S. Falvey
D. Darby

BTGENWAL.LET