



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

July 17, 1985

CERTIFIED RETURN RECEIPT REQUESTED
(P402 457 194)

Mr. Andrew C. King
Mine Engineer
Genwal Coal Company, Inc.
P. O. Box 1201
Huntington, Utah 84528

Dear Mr. King:

RE: MRP Amendment Approval, Modification to Underground Mining and Development Plan, Division Review of Change in Pillaring Proposal, Crandall Canyon Mine, ACT/015/032, #3, Emery County, Utah

The Division has completed its review of the most recent plans submitted by Genwal Coal Company on May 5 and 15, 1985. These plans address the previous deficiencies regarding the Company's proposal to change the pillar design from the previously approved 80 foot centers to a 60 X 60 foot center on the entries and rooms in the Crandall Canyon Mine. Please accept our apologies for the unforeseen delay in directing our review response to you.

The Division's concerns have been adequately addressed and approval is granted to proceed with the proposed change in the underground mine development plan. However, one question does remain regarding the operator's use of the Obert Formula (as described on page 13-104, Mining Engineering Handbook, Volume 1, Cummins and Given) in computing the pillar safety factor. In the Handbook, the factor of safety suggested for the Obert Formula is 4.0. The operator has presented calculations which indicate a factor of safety substantially lower than this suggested value. Why was this lower value used?

Page 2
Mr. Andrew C. King
ACT/015/032
July 17, 1985

Thank you for your cooperation and patience in resolving the permitting questions. Should you have any comments or questions please contact me or D. Wayne Hedberg of the permitting staff.

Sincerely,



Lowell P. Braxton
Administrator
Mineral Resource Development
and Reclamation Program

DWH/btb
cc: Allen Klein
Ron Naten
Reed Christiansen, USFS
Kenneth Rhea, BLM
Wayne Hedberg

Sue Linner
Pam Grubaugh-Littig
Dave Lof
Tom Suchoski

8992R-73 & 74



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July 11, 1985

Mr. Allen D. Klein, Administrator
Western Technical Center
Office of Surface Mining
Brooks Towers
1020 Fifteenth Street
Denver, Colorado 80202

Dear Mr. Klein:

RE: Abatement Plans for Notice of Violation N85-4-7-2, #2 of
2, Genwal Coal Company, Inc., Crandall Canyon Mine,
ACT/015/032, #3 and #7, Emery County, Utah

Enclosed please find one (1) copy of Genwal Coal Company's Inc.'s response to abatement of Notice of Violation N85-4-7-2, #2 of 2, for their Crandall Canyon Mine in Emery County, Utah. This material is for your review, information and files. Should your office wish to provide comments, please do so (or call us directly) by July 19, 1985. The Division anticipates completing its review by this date.

If you have any questions or need additional information, please contact me or Rick Summers.

Sincerely,

A handwritten signature in cursive script that reads "D. Wayne Hedberg".

D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

btb
Enclosures
0341R-23



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July 11, 1985

Mr. Reed Christensen
U. S. Forest Service
Manti-LaSal National Forest
599 West Price River Road
Price, Utah 84501

Dear Mr. Christensen:

RE: Abatement Plans for Notice of Violation N85-4-7-2, #2 of 2, Genwal Coal Company, Inc., Crandall Canyon Mine, ACT/015/032, #3 and #7, Emery County, Utah

Enclosed please find one (1) copy of Genwal Coal Company's Inc.'s response to abatement of Notice of Violation N85-4-7-2, #2 of 2, for their Crandall Canyon Mine in Emery County, Utah. This material is for your review, information and files. Should your office wish to provide comments, please do so (or call us directly) by July 19, 1985. The Division anticipates completing its review by this date.

If you have any questions or need additional information, please contact me or Rick Summers.

Sincerely,

A handwritten signature in cursive script that reads "D. Wayne Hedberg".

D. Wayne Hedberg
Permit Supervisor/
Reclamation Hydrologist

btb
Enclosures
0341R-24