



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

*Rec'd 12-2-84
Entered 12-2-84*

File

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INSPECTION REPORT

INSPECTION DATE & TIME: November 11, 1986
1:45 pm to 4:00 pm

Permittee and/or Operators Name: Genwal Coal Company
Business Address: P.O. Box 1201 Huntington, Utah 84527
Mine Name: Crandall Canyon Permit Number: ACT/015/032

Type of Mining Activity: Underground Surface Other
County: Emery
Company Official (s): Andrew King
State Official(s): Lynn Kunzler and Dave Lof
Partial: Complete: Date of Last Inspection: 10/21/86
Weather Conditions: Cold and cloudy, Ground not frozen, Very little snow cover
Acreage: Permitted 80 Disturbed 9.7 Regraded Seeded Bonded 9.7
Enforcement Action: None.

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	<u>YES</u>	<u>NO</u>	<u>N/A</u>	<u>COMMENTS</u>
1. PERMITS	()	()	()	()
2. SIGNS AND MARKERS	()	()	()	()
3. TOPSOIL	()	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	()	()	()	()
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	()
d. OTHER SEDIMENT CONTROL MEASURES	()	()	()	()
e. SURFACE AND GROUNDWATER MONITORING	()	()	()	()
f. EFFLUENT LIMITATIONS	()	()	()	()
5. EXPLOSIVES	()	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	()	()	()	()
7. COAL PROCESSING WASTE	()	()	()	()
8. NONCOAL WASTE	(X)	()	()	()
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	(X)	()	()	(X)
10. SLIDES AND OTHER DAMAGE	()	()	()	()
11. CONTEMPORANEOUS RECLAMATION	(X)	()	()	(X)
12. BACKFILLING AND GRADING	()	()	()	()
13. REVEGETATION	(X)	()	()	(X)
14. SUBSIDENCE CONTROL	()	()	()	()
15. CESSATION OF OPERATIONS	()	()	()	()
16. ROADS				
a. CONSTRUCTION	()	()	()	()
b. DRAINAGE CONTROLS	()	()	()	()
c. SURFACING	(X)	()	()	(X)
d. MAINTENANCE	()	()	()	()
17. OTHER TRANSPORTATION FACILITIES	()	()	()	()
18. SUPPORT FACILITIES UTILITY INSTALLATIONS	(X)	()	()	(X)

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(Comments are Numbered to Correspond with Topics Listed Above)

4b. Diversions The headwall for undisturbed diversion UD-1 was just below the top of the culvert, however, sufficient headwall exists to pass the snowmelt runoff event. The operator was told that the headwall must be increased to meet design specifications in spring of 1987. Undisturbed diversion UD-3 had temporary supports made of 2x4 material. The operator stated that these will be replaced with more stable, permanent supports.

8. Noncoal Waste The oil drain from the oil & gas containment area was checked, the bucket was near empty and the valve was properly closed.

9. Protection of Fish, Wildlife and Related Environmental Values The power line from the generator to the portal area had been strung on utility poles. An armless design had been employed for the construction of these poles which is in accordance with current raptor protection technology.

11. Contemporaneous Reclamation Contemporaneous revegetation activities of the disturbed slopes was being performed. Areas that had not yet been mulched were checked. An approximate seeding rate of ca. 120 to 150 seeds/ft² was observed. Hay mulch was being spread by hand at an apparent rate of 3,000 - 4,000 pounds per acre. The sed. pond embankment, the portal access road outslope, the slope below the fan and the Forest Service Road outslope had not yet been seeded.

13. Revegetation Final reclamation had been performed on the old facilities area between the Forest Service Road and Crandall Creek and the two small wings above the substation pad. The netting used to anchor the hay mulch had not been properly stapled but was being held in place with rocks. The operator indicated that they had run out of staples and that additional staples had recently been received and would be installed. On the west wing, one bale of hay was highly contaminated with cheatgrass which may present a problem with reclamation. The east wing had a small area where the hay was highly contaminated with orchardgrass and cereal straw. These areas will need to be monitored and possibly treated to control the highly competitive weeds and introduced species should they become a problem.

Copy of this Report:

Mailed to: Donna Griffin-OSM Charles Gent-Genwal Coal Co.

Given to: Sue Linner and Joe Helfrich-DOGM

Inspectors Signature and Number: *L. J. L.* #17 Date: 12-1-86

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16c. Roads-Surfacing The resurfacing of roads with gravel had been completed. In addition, the access road to the portal area had large boulders placed along the shoulder to act as a guard rail. The portal access road was in excellent condition, however the ditch near the intake portal needed to be cleaned out. The operator needs to regrade and install water bars on the substation pad access road after they complete revegetation work on the substation pad outslope.

18. Support Facilities/Utility Installations See comment under #9 above.

Inspectors Signature and Number:

L. R. L. #17

Date: 12-1-86