CHAPTER I

Introduction and Summary of Permit Application

PART 1.1 Scope of Operation

Genwal Coal Company, Inc.'s, proposed Crandall Canyon Mine consists of an 80 acre Federal Coal lease in Crandall Canyon, Emery County, Utah. Crandall Canyon is a westward trending side branch of Huntington Canyon, roughly 6.1 kilometers in length.

Genwal proposes an underground mine with one set of portals in each of the two minable coal seams on the property. Using continuous mining machine and conventional haulage to a conveyor belt system, Genwal can produce approximately 100,000 tons per year from this operation.Genwal will attempt to acquire more coal through Federal leasing as it is made available under the Federal Coal Management Program. Markets for this coal, which is a high volatile bituminous coal, have been secured domestically and foreign markets are in the negotiation stage and should be secured in the near future.

PART 1.2 Summary of Environmental Impacts

We feel our proposed mine in Crandall Canyon will not have a significant impact on the social or economic environment of the County. This is due to the fact that with an employment of approximately ten people, we can draw a work force from an existing established labor pool. By established, we mean people that have a household in Carbon or Emery County, complete with sewage and water facilities, and have lived in Carbon or Emery County for two years or more. According to statistics obtained from the State of Utah, 250 of the people who have graduated from the miners training class at C.E.U. during March of this year, 1980, are still seeking employment in the mines. Of these 250 people 60% are established residents of Carbon and Emery County. Established, again meaning, people from an exsisting household with water and sewer facilities. Aslo, Emery County Hish School has a mine training class in their day program for high school students. As these young people graduate they also enter the labor pool in Carbon and Emery County and they are from established households. We feel that due to the apparent existing job shorage for established residents of Carbon and Emery County, we feel our proposed mine can only have a positive impact on the social and economic environment of the County. We feel our

PART 1.2 Continued-

operation will be in a geographic location that will also appear favorable to the labor pool in San Pete County.

Genwal's proposed Crandall Canyon mine should have no adverse effects on surface or ground water in the permit area or adjacent areas. We will monitor both surface and ground water as proposed to insure that our operation creates no loss of quality or quantity to surface or ground water within the adjacent area.

Our proposed mine will create some air pollution in the form of dust emissions, however, our "Air Pollution Control Plan" which has already been approved by the State of Utah Division of Environmental Health states the means by which we will reduce our dust emissions from 165.62 lbs. per day to 29.95 lbs. per day, a control effeciency of approximately 82%.

A loss of habitat for several vertebrate species will result from development of the mine due to loss of habitat and increased human presence. This loss will be kept at a minimum by efficent use of space at the mine site and by minimum design criteria as presented by U.S.F.S., for the access road. The canyon is also used as a migration corridor for Mule Deer and Elk in the winter. Wintertime human activity in the canyon will pressure the Mule Deer and Elk to use other routes or higher trails to by pass the human presence. Mining activities may impact wintertime Moose use of the lower 2 km of the canyon with better access provided to the canyon, hunting pressure is likely to increase on Black Bear and Cougar in the area.

Genwal feels that the disturbed surface area could be reclaimed after mining and serve quite well the land-use it now serves, that being recreation, hunting and range. Most of the disturbed surface area has not been reclaimed since previous mining operations and will be in much more satisfactory condition for post-mining land-use after Genwal completes reclamation.

PART 1.3 Introduction to Document Organization and Reviewers Checklist

This document organized as per revised guidelines issued November 3, 1980, presented to Genwal by Leland C. Spencer from the Division of Oil, Gas and Mining, State of Utah.

PART 1.4 Acknowledgements

As noted elsewhere in this application.