



GENWAL COAL COMPANY

January 11, 1992

Mr. Daron Haddock
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, UT 84180-1203

RECEIVED

JAN 12 1993

DIVISION OF
OIL GAS & MINING

RE: Permit #ACT 015-032
Genwal Coal Company
Permit Renewal, Mine and Reclamation Plan

Dear Mr. Haddock:

Enclosed with this letter is three (3) copies, Volume 1 through Volume 5, of the reformatted mine and reclamation plan for the Crandall Canyon Mine. As per Permit Renewal rules R645-230, this document is being sent to you prior to 120 days before expiration of the existing permit. The existing permit expires on May 13, 1993.

As you will note in your review of this document, the format has changed in that it follows the same format as do the R645-301 regulations. The main chapters are located in Volume 1, the appendices are located in Volumes 2 and 3, and the plates and drawings are located in Volumes 4 and 5.

Please inform us at the time this renewal is determined administratively complete so Genwal can begin publication for public notice.

Should you have any questions or need additional information, please contact me at 687-9813.

Sincerely,

GENWAL COAL COMPANY


Larry W. Johnson
Engineer


R. Jay Marshall
Chief Engineer

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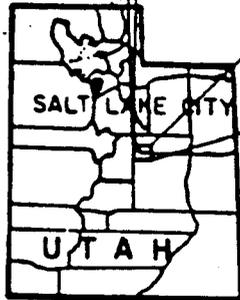
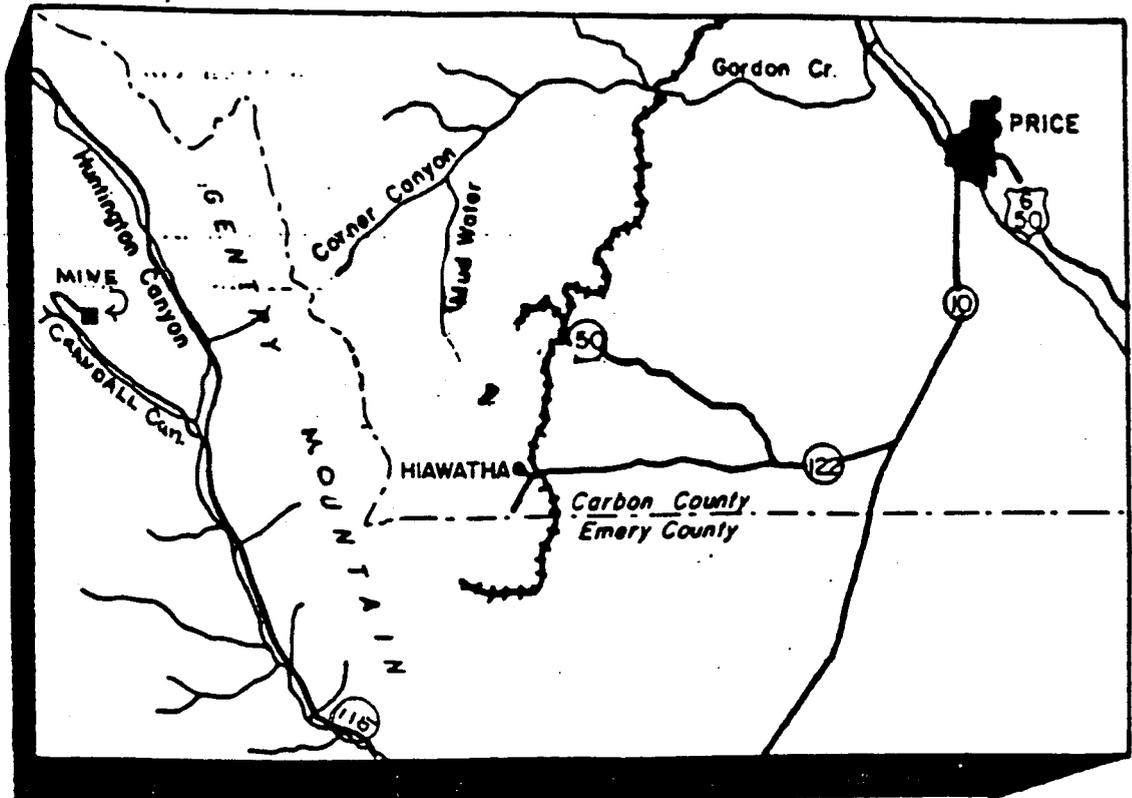
INTRODUCTION

The Crandall Canyon coal mine is owned by Intermountain Power Authority (IPA) and Nevada Power Investment Corporation (NEICO) as joint owners. The Crandall Canyon coal mine is operated by Genwal Coal Company (applicant and permittee). Genwal Coal Company (Genwal) is jointly owned by IPA and NEICO.

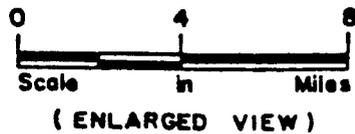
The Crandall Canyon coal mine is located 17 miles east of Huntington, Utah within the boundaries of the Manti-LaSal National Forest. Genwal's Crandall Canyon Mine consists of four (4) leased areas. Two of which are federal lease areas (U-54762 and SLO62648), one federal Right of Way (U-66838), and two state lease areas (ML-21568 and ML-21569). One private surface lease area and four (4) Forest Service special use areas are located in Crandall Canyon while one other Forest Service special use area is located at the head of the left fork of Horse Canyon. Both Canyons are located in Emery County, Utah. Crandall Canyon, where Genwal's surface facilities and portals are located, is a westward trending side branch of Huntington Canyon, roughly 6.1 kilometers in length (refer to figure 2).

This permit represents information for permitting all acres. The following is a summary of acreage contained in this permit:

Federal Coal Lease SL-062648	161.17 acres
Federal Coal Lease U-54762	256.49 acres
Federal Right of Way Lease U-66838	111.5 acres
USFS special use area (Crandall Cyn)	1.5 acres
USFS special use area (Horse Cyn)	50.0 acres
State Coal Lease ML-21568	998.0 acres

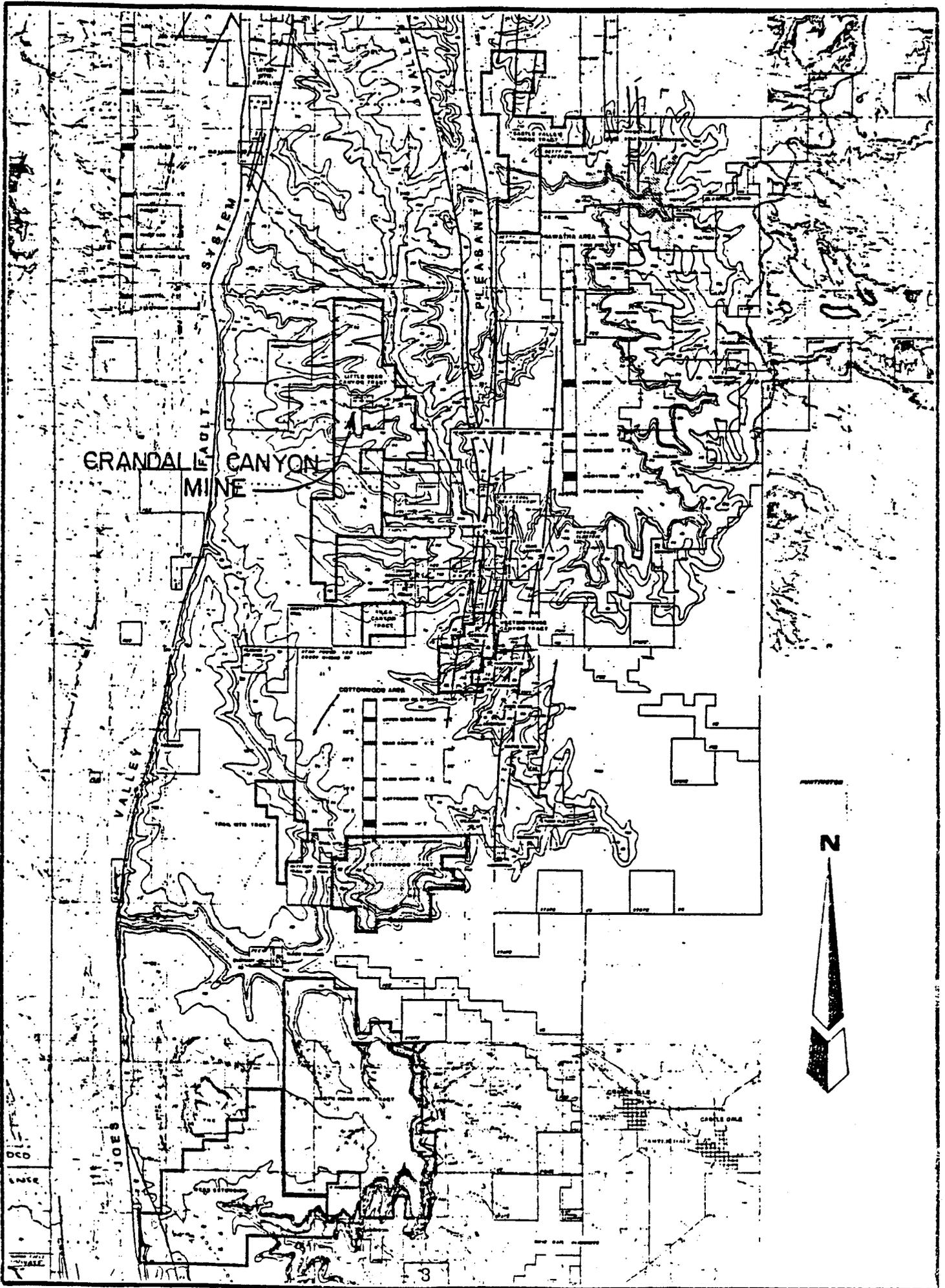


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 Location Map
 Feb. 10, 1988



LOCATION MAP
 Genwal Coal Company
 Crandall Canyon Mine
 Emery County, Utah

FIGURE 1



State Coal Lease ML-21569	640.0 acres
Total	1,578.66 acres

MINE PLAN AREA

Surface Facilities	6.09 acres
Topsoil Stockpile areas	+0.90 acres
less Undisturbed area	-0.48 acres
less Road to be left in place	-1.10 acres
Total to be reclaimed	5.41 acres

Genwal operates the Crandall Canyon Coal mine, and underground mine, with one set of portals in the Hiawatha coal seam, which at this time is the only minable seam on the property. Using a continuous mining machine along with continuous haulage systems and/or shuttle car haulage, thus using a belt conveyor system for removal of product from the mine. Genwal will produce approximately 1.2 million tons per year. Genwal will attempt to acquire more coal through leasing Federal coal contiguous to the existing leases as it is made available under the Federal Coal Leasing Program. Markets for this coal, which is a high volatile bituminous coal, have been secured domestically and foreign markets are being developed.

The Crandall Canyon Mine should not have any adverse effects on surface or ground water in the permit area nor adjacent areas. Genwal will monitor both surface and Ground water as proposed within this permit.

The loss of vertebrate habitat resulting from the mine development will be kept to a minimum by efficient use of space at the mine site. Human activity in the canyon will pressure the mule deer and elk to use other routes or higher trails to bypass the human presence, although there have been many sightings of mule deer and elk on and around the minesite. 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 deer, elk, black bear, and cougar.

The disturbed surface area will be reclaimed after mining and returned to the land use it now has, that being recreation, hunting, and range land for stock. The only disturbed surface acreage will be within the Acro lease area and USFS special use area in Crandall Canyon.