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

*PERMIT BINDER*

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April 24, 1996

Kenneth E. May, Vice President and General Manager  
Southern Utah Fuel Company  
397 South 800 West  
Salina, Utah 84654

RE: Waste Rock Disposal Site Revision, Convulsion Canyon Mine, Southern Utah Fuel Company, ACT/041/002-96A, Folder #3, Sevier County, Utah

Dear Mr. May:

Amendment ACT/041/002-96A, which was modified and resubmitted on 4/22/96, meets all the concerns which were previously aired by me. The requirements of the R645 regulations for waste rock disposal areas have been met.

The aforementioned amendment, Waste Rock Disposal Site Revision is approved, effective April 24, 1996. Please submit eight finalized copies for dispersal to the various government entities.

Thank you.

Sincerely,

Peter Hess  
Reclamation Specialist III

sd  
enclosures  
cc:

- Ranvir Singh, OSM, Denver
- Mark Bailey, BLM, Price
- Janette Kaiser, USFS, Price
- Tobias Martinez, USFS, Richfield
- Mark Page, Water Rights, Price, w/o enc
- Dave Ariotti, DEQ, Price, w/o enc
- Bill Bates, DWR, Price, w/o enc
- Joe Helfrich, DOGM, SLC
- Keith Zobel, Utah Fuel, Scofield, w/o enc
- Wes Sorensen, SUPCO, Salina



# APPLICATION FOR PERMIT CHANGE

Title of Change: Waste Rock Disposal Site to Accept Soldier Creek Waste Rock	Application Number: 96A	Permit Number: ACT /041 /002
		Mine: SUFCO
		Permittee: Coastal States Energy

Description, include reason for change and timing required for implementation: Add capability to accept mining waste from Soldier Creek and Dugout operations at the SUFCO Waste Rock Disposal Site.

<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	1. Change in the size of the Permit Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	2. Change in the size of the Disturbed Area? _____ acres <input type="checkbox"/> increase <input type="checkbox"/> decrease.
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	3. Will permit change include operations outside the Cumulative Hydrologic Impact Area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	4. Will permit change include operations in hydrologic basins other than currently approved?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	5. Does permit change result from cancellation, reduction or increase of insurance or reclamation bond?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	6. Does permit change require or include public notice publication?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7. Permit change as a result of a Violation? Violation # _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	8. Permit change as a result of a Division Order? D.O.# _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	9. Permit change as a result of other laws or regulations? Explain: _____
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	10. Does permit change require or include ownership, control, right-of-entry, or compliance information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	11. Does the permit change affect the surface landowner or change the post mining land use?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	12. Does permit change require or include collection and reporting of any baseline information?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	13. Could the permit change have any effect on wildlife or vegetation outside the current disturbed area?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	14. Does permit change require or include soil removal, storage or placement?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	15. Does permit change require or include vegetation monitoring, removal or revegetation activities?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	16. Does permit change require or include construction, modification, or removal of surface facilities?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	17. Does permit change require or include water monitoring, sediment or drainage control measures?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	18. Does permit change require or include certified designs, maps, or calculations?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	19. Does permit change require or include underground design or mine sequence and timing?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	20. Does permit change require or include subsidence control or monitoring?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	21. Have reclamation costs for bonding been provided or revised for any change in the reclamation plan?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	22. Is permit change within 100 feet of a public road or perennial stream or 500 feet of an occupied dwelling?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	23. Is this permit change coal exploration activity <input type="checkbox"/> inside <input type="checkbox"/> outside of the permit area?

**X Attach 3 complete copies of proposed permit change as it would be incorporated into the Mining and Reclamation Plan.**

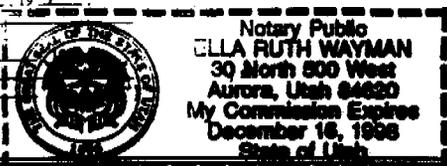
I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

*Kenneth E. May*  
 \_\_\_\_\_  
 Kenneth E. May, General Manager, April 11, 1996

Subscribed and sworn to before me this 11<sup>th</sup> day of April, 1996.

*Ellen Ruth Wayman*  
 \_\_\_\_\_  
 Notary Public

My Commission Expires: \_\_\_\_\_  
 Attest: STATE OF \_\_\_\_\_  
 COUNTY OF \_\_\_\_\_



Received by Oil, Gas & Mining

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ASSIGNED PERMIT CHANGE NUMBER



WASTE ROCK DISPOSAL SITE

PART 1: INTRODUCTION

Southern Utah Fuel Company (SUFCO), a subsidiary of Coastal States Energy Company, operates a waste rock disposal site at a location west of their SUFCO Mine. The facility is required for disposal of underground development wastes generated during mining operations.

Coal mine waste produced in the underground Soldier Canyon and Dugout Canyon mines will normally be disposed of in the underground working areas. Excess gob material produced that cannot be disposed of underground will be brought to the surface and stored in a temporary gob pile until the material can be hauled to the approved SUFCO Waste Rock Disposal site. Before any coal mine waste is hauled from either Soldier Creek or Dugout Canyon mines, the material will be tested to insure that material meets the requirements of R645-536.110. The results of the material testing will be certified. Any gob material hauled from the Soldier Canyon or Dugout Canyon mines will be tested for toxicity as outlined in Section 3.1.5 of this permit.

Many of the general requirements for an operating permit are covered in the minesite M&RP, Volumes 1 and 2, and are not repeated in this document. Only those items considered site specific or those items requested by the Division have received detailed attention in this Waste Rock Disposal site M&RP. Information contained in the SUFCO Mine M&RP application should also be considered during review of this document.

1.0 SCOPE OF OPERATION

The disposal site is located on part of a 9,640 acre parcel of private land located within the boundaries of the Fishlake National Forest. SUFCo hauls the development wastes by truck from the mine via a paved county road. Travel distance along the road is 6.4 miles from the portal to the disposal site exit. Coal mine waste from the Soldier Canyon and Dugout Canyon mines will be hauled by truck via public (state and county) roads to the SUFCo site. Approximately, a total of 10,000 tons of waste material will be disposed of at the site each year from the three mines.

1.1 ACCESS AND USE

The waste rock disposal site is located on forty acres owned by Southern Utah Fuel Company. The site is located in the northwest 1/4 of the northeast 1/4 of Section 18, Township 22 South, Range 4 East, Salt Lake Base and Meridian. A copy of SUFCo's Warranty Deed is included as Exhibit 1. This location is some 6 miles west from the minesite and is within Sevier County. Access frequency is minimal with waste rock being hauled to the site only a few times each year. It is estimated that approximately 10,000 tons of non-toxic, non-acid forming waste shale, coal, and sandstone per year will be generated by the mining operation. Life of the facility at this rate is estimated at 20 years. The design of the disposal area conforms to all State and Federal regulations.

The site will not be used as a sanitary land fill or for disposal of mining related rubbish. Efforts will be made to haul to the site only on week days. Waste rock will be contemporaneously spread and compacted. After a section of the fill site is completed, that segment will be reclaimed. It is unlikely that any structure will ever be placed on the fill area.

1.2 DISPOSAL SITE

The disposal site is located next to a paved county road that is presently used for access to the mine. Part of the site was disturbed for use as a borrow area for material to repair a slide on the county road in 1981. The site is situated between two natural drainages and, consequently, will cause only minimal disturbance to the existing drainage. The waste rock will be placed adjacent to the embankment of the county road and will be terraced to fit in with the natural contour to the extent allowed. Drainage from the waste rock disposal area will be treated with a sediment pond. The drainage from the surrounding undisturbed area is bypassed with three diversion ditches. There are no buildings or structures within 300 feet of the disposal site. The Bureau of Land Management owns any and all mineral rights to the property. There are no holders of lease hold interest or purchasers of record in the waste rock disposal area.

1.3 CONTIGUOUS OWNERS

Coastal's forty acre plot is bordered by private and Forest Service land. The Warranty Deed showing Southern Utah Fuel Company's right of ownership is included as Exhibit 1. The adjacent property owners are shown on Map 1. Table 1.3 gives the addresses of the property owners contiguous to the waste rock disposal site.