

0061

UNC PLATEAU MINING

Subsidiary of United Nuclear Corporation
A **UNC RESOURCES** Company

P.O. Drawer PMC
Price, Utah 84501

Telephone 801/637-2875

*John
file*

March 31, 1980

Regional Administrator Region VIII
Environmental Protection Agency
1860 Lincoln St., Suite 900
Denver CO 80203

RECEIVED
APR 08 1980

DIVISION OF
OIL, GAS & MINING

Attn: Permits Branch, Rob Walline

Re: Permit to Discharge,
UNC Plateau Mining Company

Dear Mr. Walline:

Enclosed please find UNC Plateau Mining Company's Application for Permit to Discharge. Included also are a supplemental statement and a map depicting the underground workings.

This information is being forwarded to other appropriate Federal and State agencies.

As this situation is of an emergency nature, your immediate attention would be appreciated.

Sincerely yours,

Steve Rigby
Chief Engineer

SWR:ajc

cc w/enclosures

OSM, Denver

✓ Div. Oil, Gas & Mining SLC

Manti-LaSal National Forest, Price

USGS, SLC

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
APPLICATION FOR PERMIT TO DISCHARGE - SHORT FORM C

FOR AGENCY USE	APPLICATION NUMBER								
	DATE RECEIVED								
	YEAR	MO.		DAY					

To be filed only by persons engaged in manufacturing and mining

Do not attempt to complete this form before reading accompanying instructions
Please print or type

1. Name, address, location, and telephone number of facility producing discharge

A. Name UNC Plateau Mining Company

B. Mailing address

1. Street address P.O. Drawer PMC
 2. City Price 3. State Utah
 4. County Carbon 5. ZIP 84501

C. Location:

1. Street _____
 2. City Wattis 3. County Carbon
 4. State Utah

D. Telephone No. 801 637-2875

Area
Code

2. SIC

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(Leave blank)

3. Number of employees 250

If all your waste is discharged into a publicly owned waste treatment facility and to the best of your knowledge you are not required to obtain a discharge permit, proceed to item 4. Otherwise proceed directly to item 5.

4. If you meet the condition stated above, check here and supply the information asked for below. After completing these items, please complete the date, title, and signature blocks below and return this form to the proper reviewing office without completing the remainder of the form.

A. Name of organization responsible for receiving waste _____

B. Facility receiving waste:

1. Name _____
 2. Street address _____
 3. City _____ 4. County _____
 5. State _____ 6. ZIP _____

5. Principal product, raw material (Check one) Coal from underground mine

6. Principal process Underground Mining

7. Maximum amount of principal product produced or raw material consumed per (Check one)

Basis	Amount							
	1-99 (1)	100-199 (2)	200-499 (3)	500-999 (4)	1000-4999 (5)	5000-9999 (6)	10,000-49,999 (7)	50,000 or more (8)
A. Day					X			
B. Month								
C. Year								

8. Maximum amount of principal product produced or raw material consumed, reported in item 7, above, is measured in (Check one):

- A. pounds B. tons C. barrels D. bushels E. square feet
 F. gallons G. pieces or units H. other, specify _____

9. (a) Check here if discharge occurs all year , or

(b) Check the month(s) discharge occurs:

1. January 2. February 3. March 4. April 5. May 6. June
 7. July 8. August 9. September 10. October 11. November 12. December

(c) Check how many days per week: 1. 1 2. 2-3 3. 4-5 4. 6-7

10. Types of waste water discharged to surface waters only (check as applicable)

Discharge per operating day	Flow, gallons per operating day					Volume treated before discharging (percent)				
	0.1-999 (1)	1000-4999 (2)	5000-9999 (3)	10,000-49,999 (4)	50,000- or more (5)	None (6)	0.1-29.9 (7)	30-64.9 (8)	65-94.9 (9)	95-100 (10)
A. Sanitary, daily average										
B. Cooling water, etc. daily average										
C. Process water, daily average					X					X
D. Maximum per operating day for total discharge (all types)					X					

11. If any of the three types of waste identified in item 10, either treated or untreated, are discharged to places other than surface waters, check below as applicable.

Waste water is discharged to:	Average flow, gallons per operating day				
	0.1-999 (1)	1000-4999 (2)	5000-9999 (3)	10,000-49,999 (4)	50,000 or more (5)
NOT APPLICABLE					
A. Municipal sewer system					
B. Underground well					
C. Septic tank					
D. Evaporation lagoon or pond					
E. Other, specify					

12. Number of separate discharge points: A. 1 B. 2-3 C. 4-5 D. 6 or more

13. Name of receiving water or waters Tributary to Serviceberry Creek, Mudwater Creek

14. Does your discharge contain or is it possible for your discharge to contain one or more of the following substances added as a result of your operations, activities, or processes: ammonia, cyanide, aluminum, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, zinc, phenols, oil and grease, and chlorine (residual). A. yes B. no

I certify that I am familiar with the information contained in the application and that to the best of my knowledge and belief such information is true, complete, and accurate.

Steven W. Rigby

Chief Engineer

Printed Name of Person Signing

Title

April 1, 1980

Date Application Signed

Signature of Applicant

18 U.S.C. Section 1001 provides that:

Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact, or makes any false, fictitious, or fraudulent statements or representations; or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years, or both.

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APPLICATION FOR PERMIT TO DISCHARGE SUPPLEMENT

General Information

UNC Plateau Mining Company, a wholly-owned subsidiary of United Nuclear Corporation, operates a coal mine located at Wattis, Utah. The underground mines produce approximately one million tons of coal per year. Current production comes from three coal seams located within the limits of the property: Wattis Seam, Third Seam, and Hiawatha Seam.

Up to the present water has been scarce on the property. What little water that has been made during the mining operation has generally been reused in the mining, drilling and dust suppression processes. The small amount of excess water that has been available is used as make up water for the coal cleaning facility located adjacent to the mining operations. Additional make-up water for the plant (which is a closed system) as well as culinary water for the bathhouse has been trucked from Price, approximately 25 miles away.

Proposal

In the course of UNC Plateau's expansion program of rehabilitation and development to mine in its Federal Leases SL 031286 and U 13097 lying to the west, increasing amounts of water in the face areas has been encountered. (See attached Map) This water, up to the present, has been accommodated by pumping it into abandoned mined-out workings within the proximity of the mine property. These areas used to store the water have been exhausted. Although UNC Plateau is still utilizing the water to its maximum potential, both underground and at the washing plant, there is more being made than can be used by the operation at the present time. In fact, the continuing inflow of water and the storage problems associated with it have become increasingly hazardous problems within the confines of the mine.

It is with this background that UNC Plateau submits this



Application for Permit to Discharge
Supplement
Page Two

application for permit to discharge. The proposal consists of discharging up to 500 gpm of water into Mudwater and/or Wattis canyons. (See proposed discharge points on the map.)

The water being made in the development faces of 1st West and Main West (See Map) is allowed to run to the lower entries and settle before being picked up by pumps and put in the water system of the mine. The water not being used in the mining operation is then allowed to discharge into either of the two canyons. The discharged water is currently being passed through temporary sedimentation control structures before leaving the permit area. These structures allow sediment to settle and filter the effluent. Water samples are presently being taken weekly from current discharge points and are analyzed for pH, TSS, Mn, and Fe. This report is submitted monthly to the State Division of Oil, Gas and Mining.

SL 031286

DISCHARGE
POINT

1st WEST

FACE
AREAS

SUMPS

MAIN
WEST

SUMPS

DISCHARGE
POINT
(Wattis Canyon)

UNC PLATEAU MINING CO.
PRICE, UT.

