

UNC PLATEAU MINING

ACT 007/006

Jim
JWS

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

P.O. Drawer PMC
Price, Utah 84501

Telephone 801/637-2875

June 9, 1980

RECEIVED
JUN 13 1980

DIVISION OF
OIL, GAS & MINING

Mr. Donald A. Crane
Regional Director
Office of Surface Mining
Brooks Towers
1020 15th Street
Denver CO 80202

Re: Minor Modification to Approved
Mine Plan to Accommodate Permit
to Discharge

Dear Mr. Crane:

Please find enclosed seven (7) copies of UNC Plateau Mining Company's plan for a minor modification to its present approved mining and reclamation plan. This modification will allow UNC Plateau Mining Company to accommodate a permit to discharge.

This action follows your letter dated May 30, 1980 and is authorized under 30 CFR 211.10(d)(2)(ii).

The information contained in this supplement should be attached to and made a part of UNC Plateau Mining Company's permanent mining and reclamation plan.

Sincerely,

Steve Rigby
Chief Engineer

SWR:ajc

cc w/attachments:

Christensen, Manti LaSal N.F. (1)

✓ Daniels, Ut., DOGM (5)

Moffitt, USGS, SLC (2)

UNC PLATEAU MINING COMPANY

Mine Plan Modification

PERMIT TO DISCHARGE FROM DEVELOPMENT

FACES TO MUD WATER AND/OR

WATTIS CANYONS

MODIFICATION:

Incorporate a Permit to Discharge into the present approved Mining Plan.

AUTHORITY:

Under 30 CFR 211.10(d)(2), following appropriate reviews and considerations by responsible state and federal agencies, minor modifications can be authorized.

RESPONSIBLE PERSON:

Floyd J. Tucker
Executive Vice President & General Manager
UNC Plateau Mining Company
P.O. Drawer PMC
Price UT 84501
(801) 637-2875

COAL LEASES:

The coal leases under which UNC Plateau Mining Company currently operates are as follows:

Federal Coal Lease SL 031286
Federal Coal Lease U 7949
Federal Coal Lease U 13097
Federal Coal Lease U 37045
Utah State Coal Lease 22729

SURFACE OWNERSHIP:

The surface area overlying the mining area producing the water is controlled by the U.S.D.A. Forest Service, Manti-LaSal National Forest. The proposed point of discharge in Mud Water Canyon is on surface which is also controlled by the Forest Service. The responsible Forest Service official is:

Reed C. Christensen
Forest Supervisor
Manti-LaSal National Forest
Price UT 84501
(801) 637-2817

The proposed point of discharge in Wattis Canyon is on surface which is owned in fee by UNC Plateau Mining Company. The responsible person for Plateau is Mr. Tucker.

LOCATION:

Mud Water Canyon discharge point: SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8, T15S, R8E, SLBM.

Wattis Canyon discharge point: NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17, T15S, R8E, SLBM.

(See Location Map - Map No. 1)

INSTALLATION PROCEDURE:

Water pumped from the mine will remain in pipes until reaching the point of discharge. The discharge point will occur in natural stream channels which will be rip rapped or otherwise protected to prevent erosion from the impact of discharging water. The anticipated discharge will be less than 500 gpm. (See Underground Mine Workings-Map No. 2).

MONITORING PROCEDURE:

Plateau will meet the following limitations to any surface discharge of mine water:

<u>Effluent Characteristics</u>	<u>Discharge Limitation</u>	
	<u>Daily Average</u>	<u>Daily Maximum</u>
Total Suspended Solids	25 mg/l	30 mg/l
Total Dissolved Solids	650 mg/l or < 1 ton of Salt/day	
Oil & Grease		10 mg/l
pH	6.5 < pH <	9.0

Monitoring will occur twice per month and will be done by grab sample. Results of the sampling will be sent to the Utah State Division of Oil, Gas and Mining and to the U.S. Environmental Protection Agency, Region VIII, as required by their regulations.

RECLAMATION PROCEDURE:

Following final mining and/or the need to no longer discharge, Plateau Mining Company will reclaim all discharge points to near pre-discharge conditions. All piping and hardware will be removed and stream channels will be returned to natural conditions. Notification of such termination will be made to the appropriate agencies.

ON-SITE INSPECTIONS:

The location of the proposed discharge points have been inspected by personnel from the following agencies or organizations:

UNC Plateau Mining Company

U.S.D.A. Forest Service - Manti-LaSal National Forest

State Department of Health - Water Pollution Division

U.S. Environmental Protection Agency.

ATTACHMENTS:

The following correspondence has been included to be made a part of this minor modification:

1. Application for Permit to Discharge dated 3-31-80.
2. Notice of Violation and Order dated 4-28-80.

MAPS

SL 031286

DISCHARGE POINT

1st WEST

FACE AREAS

SUMPS

MAIN WEST

SUMPS

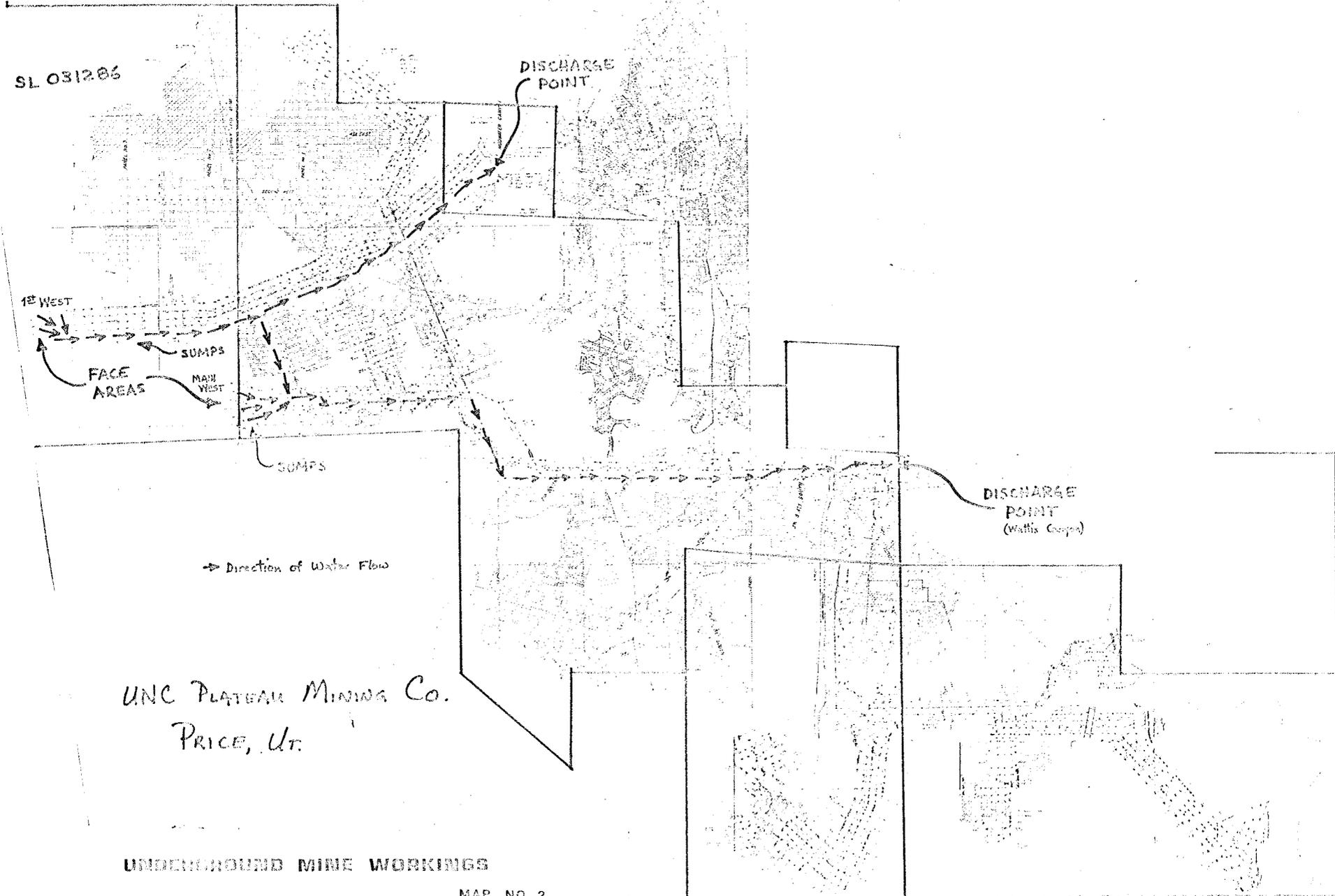
DISCHARGE POINT
(Waltis Creek)

→ Direction of Water Flow

UNC PLATEAU MINING Co.
PRICE, UT.

UNDERGROUND MINE WORKINGS

MAP NO. 2



Attachment 1

UNC PLATEAU MINING

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

P.O. Drawer PMC
Price, Utah 84501

Telephone 801/637-2875

March 31, 1980

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

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			NO.			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

--	--	--	--

(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

15 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 wilfully 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.

UNC PLATEAU MINING



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

P.O. Drawer PMC
Price, Utah 84501

Telephone 801/637-2875

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.

Attachment 2



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII
1860 LINCOLN STREET
DENVER, COLORADO 80295

APR 28 1980

Ref: 8E-WE

Rec'd
4-29-80
SAR

Certified Mail
Return Receipt Requested

Mr. Steve Rigby
Mine Engineer
UNC Plateau Mining Company
P.O. Drawer PMC
Price, Utah 84501

Re: Notice of Violation and
Order, 33 U.S.C.
1319(a)(5)(A)
Docket No. 80-3

Dear Mr. Rigby:

As required by Section 309(a)(4) of the Clean Water Act, enclosed please find a copy of a Notice of Violation and Order which has been issued pursuant to Section 309(a) of the Act, 33 U.S.C. 1319(a). The original document will be personally served on you.

In accordance with Section 508 of the Act, 33 U.S.C. 1368, we must advise you that under Executive Order 11738 and EPA regulations issued thereunder (40 CFR Part 15), facilities to be utilized in Federal contracts, grants, and loans must be in full compliance with all standards established pursuant to the Clean Water Act and Clean Air Act. A violation of the standards outlined in this notification may result in the subject facility being declared ineligible for participation in any work associated with a Federal contract, grant, or loan.

Should you have any questions, please contact Mr. Larry Edelman of this office at (303) 837-4812.

Sincerely yours,

Lance C. Vinson
Director
Enforcement Division

Enclosure

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

IN THE MATTER OF)	DOCKET NUMBER 80-3
UNC PLATEAU MINING COMPANY)	ADMINISTRATIVE ORDER
PRICE, UTAH 85401)	(33 U.S.C. 1319)

FINDINGS OF FACT

Pursuant to the above-referenced statutory authority, which has been delegated to me by the Administrator, I hereby make the following findings of fact:

1. UNC Plateau Mining Company (hereafter UNC) owns and operates the Starpoint Coal Mine near Price, Utah.
2. UNC applied to this Agency in January 1980 for a National Pollutant Discharge Elimination System (NPDES) permit to discharge mine water from the mine to surface waters of the United States.
3. UNC's permit application has not been processed as of the date of this Order.
4. UNC has encountered large quantities of water in the mine workings which it has temporarily stored underground.
5. UNC informed this Agency by letters of March 31, 1980 and April 10, 1980 that underground storage was becoming increasingly difficult. UNC requested expedited processing of its discharge permit application.

6. On information and belief, UNC is pumping and discharging mine water prior to issuance of an NPDES permit. Such discharge without a permit is unauthorized under Section 301 (33 U.S.C. 1311) of the Clean Water Act.

ORDER

Based upon the foregoing Findings of Fact, and pursuant to provision of 33 U.S.C. 1319, I hereby order:

1. That UNC immediately meet the following limitations in any surface discharge of mine water from the Starpoint Mine:

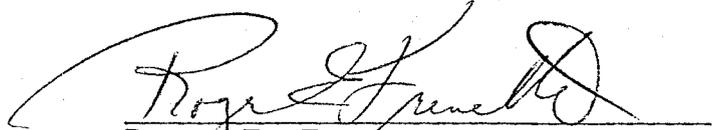
<u>Effluent Characteristics</u>	<u>Discharge Limitation</u>	
	<u>Daily Average</u>	<u>Daily Maximum</u>
Total Suspended Solids	25mg/l	30mg/l*

Oil and grease shall not exceed 10mg/l and shall be monitored monthly by grab sample. The pH shall not be less than 6.5 standard units nor greater than 9.0 standard units and shall be monitored twice per month by grab sample.

2. That UNC send results of samples to this Agency on or before the fifteenth day of each month following the receipt by UNC of monthly sample results.

*Samples for solids shall consist of two grab samples per month. Normal sampling days shall be the second and fourth Wednesdays of each month. However, if sufficient rainfall occurs so as to cause a discharge before the fourth Wednesday, one sample must be taken within 12 hours following the rainfall event. Data from the rainfall event sample shall be submitted in lieu of the data from one of the normal sample days.

3. That UNC submit within ten (10) days notification of intent to comply with this Order until such time as a final disposition on UNC's application for an NPDES permit is made.



Roger E. Frenette
Acting Director
Enforcement Division
U. S. Environmental Protection
Agency
Region VIII
1860 Lincoln Street
Denver, Colorado 80295

APR 23 1980

Attachment 3

PLATEAU MINING COMPANY

A Subsidiary of Getty Mineral Resources Company

P. O. Drawer PMC

Price, Utah 84501

Telephone (801) 637-2875

file
Route
file
ACT/007/006
MA

January 8, 1981

Mr. Donald A. Crane
Regional Director
Office of Surface Mining, Region 5
Brooks Towers, 1020 15th Street
Denver, Colorado 80202

Re: Seeley Canyon Breakouts
Star Point Mines
ACT 007/006

Dear Mr. Crane:

In response to your letter of December 30, 1980, Plateau Mining Company will follow the recommendation of the U. S. Fish and Wildlife Service.

By committing to this recommendation, all of the Special Stipulations outlined in our letter of December 15, 1980 have been accepted by Plateau and we will, therefore, proceed with the breakouts in Seeley Canyon.

We appreciate your assistance in obtaining this approval.

Sincerely,

PLATEAU MINING COMPANY

Steve Rigby
Chief Engineer

SR:ps

cc: John Nadolski, OSM
Jim Smith, DOGM
Reed Christensen, USDA Forest Service
Floyd Tucker, PMC

PLATEAU MINING

P07 5777498

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Art
~~1608/886~~

PS Form 3800, Apr. 1976

SENT TO		BEN GRIMES		
STREET AND NO.		P.O. Box 539		
P.O., STATE AND ZIP CODE		PRICE, UT 84501		
POSTAGE		\$		
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE		¢	
	SPECIAL DELIVERY		¢	
	RESTRICTED DELIVERY		¢	
	OPTIONAL SERVICES			
	RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED		¢
		SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		¢
		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		¢
	SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢	
TOTAL POSTAGE AND FEES		\$		
POSTMARK OR DATE				

P 396 996 938

STATE OF UTAH

~~INTERNATIONAL MAIL~~
INTERNATIONAL MAIL

NO INSURANCE COVERAGE PROVIDED
OIL, GAS, & MINING

3 TRINAC CENTER SUITE 350

SALT LAKE CITY, UTAH 84180-1203
(See Reverse)

Sent to <i>Ben Grimes - PMC</i>	
Street and No. <i>PO Box PMC</i>	
P.O. Office and ZIP Code <i>Price, UT 84501</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date <i>21 FEB 1982</i>	

BTB
AT 1007/006
Appr. Thrt. Ad.

PS Form 3800, Feb. 1982



P 396 996 853

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse) *ACT 1007/006*

Docum

Sent to	<i>Ben Gromes-AtEAU</i>
Street and No.	<i>PO PRAYER INC</i>
P.O., State and ZIP Code	<i>PRICE, UT 84501</i>
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$

Postmark or Date



UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS

- SENDER INSTRUCTIONS**
- Print your name, address, and ZIP Code in the space below.
 - Complete items 1, 2, 3, and 4 on the reverse.
 - Attach to front of article if space permits.
 - Otherwise affix to back of article.
 - Endorse article "Return Receipt Requested" adjacent to number.



PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, \$300

STATE OF UTAH
MINERAL RESOURCES
OF GAS, & MINING
3 TRAIL CENTER, SUITE 350
SALT LAKE CITY, UTAH 84180-1203

RETURN TO
DIVISION OF
OIL, GAS & MINING

DEC 24 1984

RECEIVED

(City, State, and ZIP Code) _____
(Street or P.O. Box) _____
(Name of Sender) _____

PS Form 3811, Dec. 1980

RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

Postmaster fees *1472. P.S.P.*

● **SENDER:** Complete items 1, 2, 3, and 4. Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

The following service is requested (check one):
 Show to whom and date delivered
 Show to whom, date, and address of delivery ..
 RESTRICTED DELIVERY
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. ARTICLE ADDRESSED TO:
Ben Grimm's P.M.C.
PO Box P.M.C.
Princeton, NJ 84501

4. TYPE OF SERVICE:
 REGISTERED INSURED
 CERTIFIED COD
 EXPRESS MAIL

ARTICLE NUMBER
P 396
996 936

I have received the article described above.
 SIGNATURE Addressee Authorized agent
Ben Grimm

5. DATE OF DELIVERY
DEC 17 1984

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:

7a. EMPLOYER'S INITIALS

UNITED STATES POSTAL SERVICE
OFFICIAL BUSINESS



SENDER INSTRUCTIONS
Print your name, address, and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

STATE OF UTAH
NATURAL RESOURCES
OIL, GAS, & MINING
TRIAD CENTER, SUITE 350
SALT LAKE CITY, UTAH 84180-1203

RETURN TO

(Name of Sender)

(No. and Street, Apt., Suite, P.O. Box or R.D. No.)

(City, State, and ZIP Code)

SENDER: Complete items 1, 2, 3 and 4.
Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. Show to whom, date and address of delivery.
2. Restricted Delivery.

3. Article Addressed to:
*Mr. Ben Grimes
Plateau Mining
P.O. Box PNC
Price, UT 84501*

4. Type of Service: Registered Insured COD Certified Express Mail. Article Number: *PS 396-996-969*

Always obtain signature of addressee of agent and DATE DELIVERED.

5. Signature - Addressee: X

6. Signature - Agent: *[Signature]*

7. Date of Delivery: *4-3-85*

8. Addressee's Address (ONLY if requested and fee paid)

PS Form 3811, July 1983

DOMESTIC RETURN RECEIPT

UNC PLATEAU MINING COMPANY

Mine Plan Modification

PERMIT TO DISCHARGE FROM DEVELOPMENT

FACES TO MUD WATER AND/OR

WATTIS CANYONS

MODIFICATION:

Incorporate a Permit to Discharge into the present approved Mining Plan.

AUTHORITY:

Under 30 CFR 211.10(d)(2), following appropriate reviews and considerations by responsible state and federal agencies, minor modifications can be authorized.

RESPONSIBLE PERSON:

Floyd J. Tucker
Executive Vice President & General Manager
UNC Plateau Mining Company
P.O. Drawer PMC
Price UT 84501
(801) 637-2875

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Utah State Coal Lease 22729

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The surface area overlying the mining area producing the water is controlled by the U.S.D.A. Forest Service, Manti-LaSal National Forest. The proposed point of discharge in Mud Water Canyon is on surface which is also controlled by the Forest Service. The responsible Forest Service official is:

Reed C. Christensen
Forest Supervisor
Manti-LaSal National Forest
Price UT 84501
(801) 637-2817

The proposed point of discharge in Wattis Canyon is on surface which is owned in fee by UNC Plateau Mining Company. The responsible person for Plateau is Mr. Tucker.

LOCATION:

Mud Water Canyon discharge point: SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 8, T15S, R8E, SLBM.

Wattis Canyon discharge point: NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 17, T15S, R8E, SLBM.

(See Location Map - Map No. 1)

INSTALLATION PROCEDURE:

Water pumped from the mine will remain in pipes until reaching the point of discharge. The discharge point will occur in natural stream channels which will be rip rapped or otherwise protected to prevent erosion from the impact of discharging water. The anticipated discharge will be less than 500 gpm. (See Underground Mine Workings-Map No. 2).

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RECLAMATION PROCEDURE:

Following final mining and/or the need to no longer discharge, Plateau Mining Company will reclaim all discharge points to near pre-discharge conditions. All piping and hardware will be removed and stream channels will be returned to natural conditions. Notification of such termination will be made to the appropriate agencies.

ON-SITE INSPECTIONS:

The location of the proposed discharge points have been inspected by personnel from the following agencies or organizations:

UNC Plateau Mining Company
U.S.D.A. Forest Service - Manti-LaSal National Forest
State Department of Health - Water Pollution Division
U.S. Environmental Protection Agency.

ATTACHMENTS:

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1. Application for Permit to Discharge dated 3-31-80.
2. Notice of Violation and Order dated 4-28-80.

MAPS

SL 031286

DISCHARGE POINT

1ST WEST

FACE AREAS

SUMPS

MAIN WEST

SUMPS

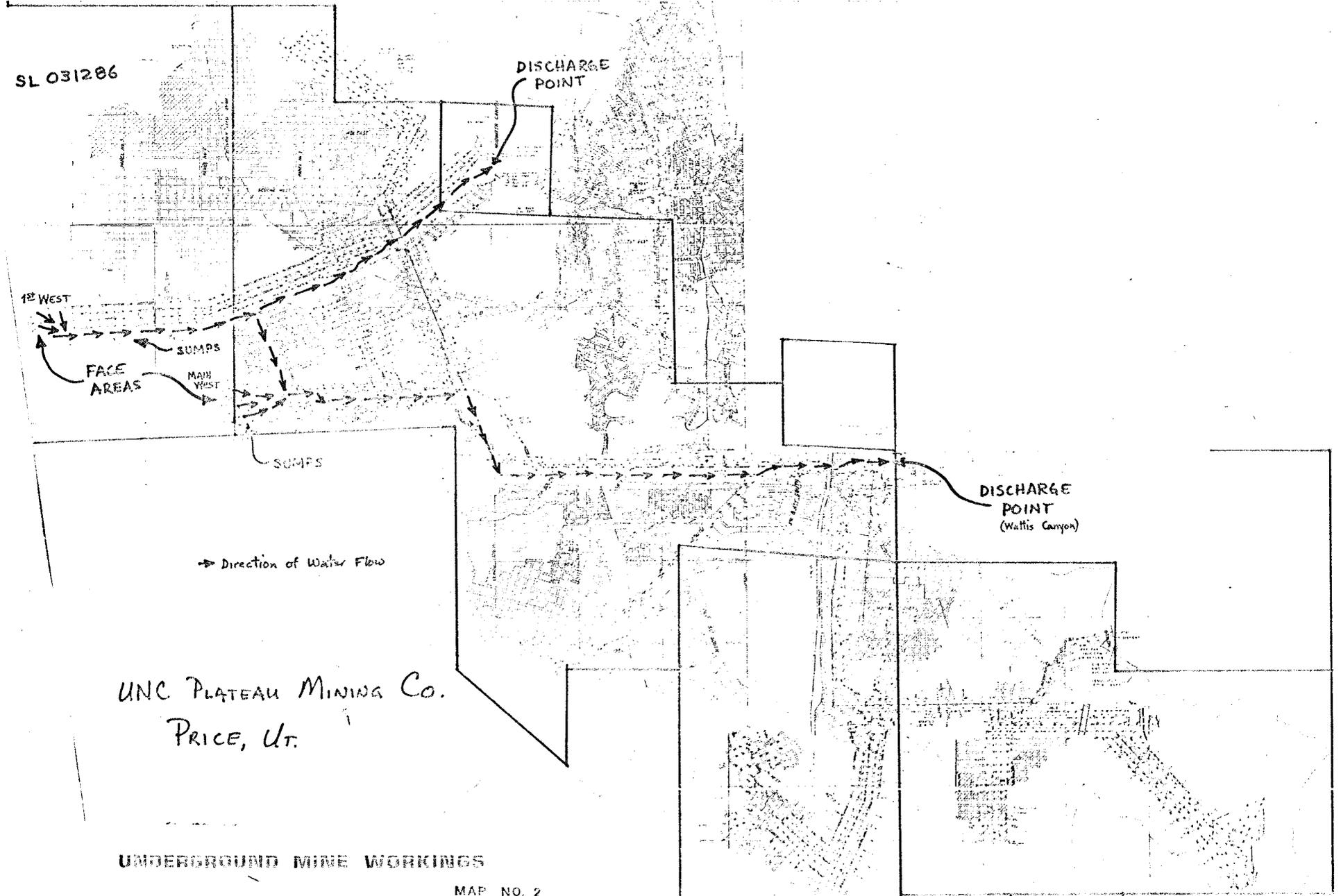
DISCHARGE POINT
(Wattis Canyon)

→ Direction of Water Flow

UNC PLATEAU MINING Co.
PRICE, UT.

UNDERGROUND MINE WORKINGS

MAP NO. 2



Attachment 1

UNC PLATEAU MINING

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

P.O. Drawer PMC
Price, Utah 84501

Telephone 801/637-2875

March 31, 1980

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

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

--	--	--	--

(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.

UNC PLATEAU MINING



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

P.O. Drawer PMC
Price, Utah 84501

Telephone 801/637-2875

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 Watis 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.

Attachment 2



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII
1860 LINCOLN STREET
DENVER, COLORADO 80295

Rec'd
4-29-80
SWR

APR 28 1980

Ref: 8E-WE

Certified Mail
Return Receipt Requested

Mr. Steve Rigby
Mine Engineer
UNC Plateau Mining Company
P.O. Drawer PMC
Price, Utah 84501

Re: Notice of Violation and
Order, 33 U.S.C.
1319(a)(5)(A)
Docket No. 80-3

Dear Mr. Rigby:

As required by Section 309(a)(4) of the Clean Water Act, enclosed please find a copy of a Notice of Violation and Order which has been issued pursuant to Section 309(a) of the Act, 33 U.S.C. 1319(a). The original document will be personally served on you.

In accordance with Section 508 of the Act, 33 U.S.C. 1368, we must advise you that under Executive Order 11738 and EPA regulations issued thereunder (40 CFR Part 15), facilities to be utilized in Federal contracts, grants, and loans must be in full compliance with all standards established pursuant to the Clean Water Act and Clean Air Act. A violation of the standards outlined in this notification may result in the subject facility being declared ineligible for participation in any work associated with a Federal contract, grant, or loan.

Should you have any questions, please contact Mr. Larry Edelman of this office at (303) 837-4812.

Sincerely yours,

Lance C. Vinson
Director
Enforcement Division

Enclosure

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

IN THE MATTER OF)	DOCKET NUMBER 80-3
UNC PLATEAU MINING COMPANY)	ADMINISTRATIVE ORDER
PRICE, UTAH 85401)	(33 U.S.C. 1319)

FINDINGS OF FACT

Pursuant to the above-referenced statutory authority, which has been delegated to me by the Administrator, I hereby make the following findings of fact:

1. UNC Plateau Mining Company (hereafter UNC) owns and operates the Starpoint Coal Mine near Price, Utah.

2. UNC applied to this Agency in January 1980 for a National Pollutant Discharge Elimination System (NPDES) permit to discharge mine water from the mine to surface waters of the United States.

3. UNC's permit application has not been processed as of the date of this Order.

4. UNC has encountered large quantities of water in the mine workings which it has temporarily stored underground.

5. UNC informed this Agency by letters of March 31, 1980 and April 10, 1980 that underground storage was becoming increasingly difficult. UNC requested expedited processing of its discharge permit application.

6. On information and belief, UNC is pumping and discharging mine water prior to issuance of an NPDES permit. Such discharge without a permit is unauthorized under Section 301 (33 U.S.C. 1311) of the Clean Water Act.

ORDER

Based upon the foregoing Findings of Fact, and pursuant to provision of 33 U.S.C. 1319, I hereby order:

1. That UNC immediately meet the following limitations in any surface discharge of mine water from the Starpoint Mine:

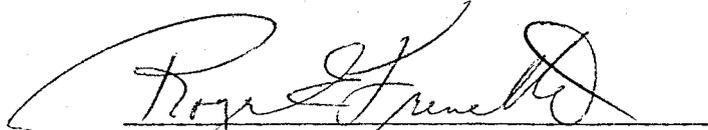
<u>Effluent Characteristics</u>	<u>Discharge Limitation</u>	
	<u>Daily Average</u>	<u>Daily Maximum</u>
Total Suspended Solids	25mg/l	30mg/l*

Oil and grease shall not exceed 10mg/l and shall be monitored monthly by grab sample. The pH shall not be less than 6.5 standard units nor greater than 9.0 standard units and shall be monitored twice per month by grab sample.

2. That UNC send results of samples to this Agency on or before the fifteenth day of each month following the receipt by UNC of monthly sample results.

*Samples for solids shall consist of two grab samples per month. Normal sampling days shall be the second and fourth Wednesdays of each month. However, if sufficient rainfall occurs so as to cause a discharge before the fourth Wednesday, one sample must be taken within 12 hours following the rainfall event. Data from the rainfall event sample shall be submitted in lieu of the data from one of the normal sample days.

3. That UNC submit within ten (10) days notification of intent to comply with this Order until such time as a final disposition on UNC's application for an NPDES permit is made.



Roger E. Frenette
Acting Director
Enforcement Division
U. S. Environmental Protection
Agency
Region VIII
1860 Lincoln Street
Denver, Colorado 80295

APR 23 1980

Attachment 3