

0022

Document Information Form

Mine Number: C/015/017

File Name: Internal

To: DOGM

From:

Person N/A

Company UNITED STATES DEPARTMENT OF THE INTERIOR

Date Sent: JULY 16, 1984

Explanation:

MINE SITE EVALUATION INSPECTION REPORT.

cc:

File in:
C/015, 017, Internal

Refer to:
 Confidential
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 Expandable

Date _____ For additional information

JUL 16 1984

United States Department of the Interior
Office of Surface Mining
Mine Site Evaluation Inspection Report

DIVISION OF OIL
GAS & MINING

For Office Use Only

1a	1b	1c
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I M	Batch	Report

file
ACT/015/017
folder # 7

2. Name of Permittee
UTAH POWER + Light CO

3. Street Address
PO BOX 899

4. City
SALT LAKE CITY

5. State
UT

6. Zip Code
84110

7. Area Code
801

8. Telephone Number
535-4234

12. Name of Mine
ACT 015 017

Des Bee Dove

13. County Code
015

14. State Code
UT

15. Strata

16. State Area Office
01

10. Date of Inspection
(Y M M D D)
840622

17. OSM Field Office No.
02

18. OSM Area Office No.

19. OSM Sample No.

20. Type of Inspection (Code)
C

21. Joint Inspection
Yes No

22. Inspector's ID No.
031

23. Status

A 02 Type of Permit

B A Mine Status (Code)

C 20 Type of Facility (Code)

D 02580.0 Number of Permitted Acres

E 06020.0 Number of Disturbed Acres

24. Type of Activity (check applicable boxes).

A <input type="checkbox"/> Steep Slope	E <input type="checkbox"/> Anthracite
B <input type="checkbox"/> Mountain Top Removal	F <input checked="" type="checkbox"/> Federal Lands
C <input type="checkbox"/> Prime Farmlands	G <input type="checkbox"/> Indian Lands
D <input type="checkbox"/> Alluvial Valley Floors	H <input type="checkbox"/> Other

25. Performance Standards (Codes)

Instructions: Indicate compliance code. For any standard marked 2 or 3 provide narrative to support this determination.

Standards That Limit the Effects to the Permit Area

- A 1 Distance Prohibitions
- B 2 Mining Within Permit Boundaries
- C 1 Signs and Markers
- D 1 Sediment Control Measures
- E 2 Design and Certification Requirements—Sediment Control
- F 1 Effluent Limits
- G 1 Surface Water Monitoring
- H 1 Ground Water Monitoring

Standards That Assure Reclamation Quality and Timeliness

- M 2 Topsoil Handling
- N 1 Backfilling and Grading
- O 1 Following Reclamation Schedule
- P 1 Revegetation Requirements
- Q Disposal of Excess Spoil
- R Handling of Acid or Toxic Materials
- S Highwall Elimination
- T Downslope Spoil Disposal
- U Post Mining Land Use
- V Cessation of Operations: Temporary
- W Other _____

File in:
 Confidential
 Shelf
 Expandable

Refer to Record No. 0022 Date
In Cl. 015, 017, Internal

act utility

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9. MSHA Number

42-00988-

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- D 1 Sediment Control Measures
- E 2 Design and Certification Requirements—Sediment Control
- F 1 Effluent Limits
- G 1 Surface Water Monitoring
- H 1 Ground Water Monitoring
- I Blasting Procedures
- J 2 Haul/Access Road Design and Maintenance
- K 3 Refuse Impoundments
- L 2 Other: Specify Support facilities and utility installations

Standards That Assure Reclamation Quality and Timeliness

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- N 1 Backfilling and Grading
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- V Cessation of Operations: Temporary
- W Other _____

United States Department of the Interior Office of Surface Mining Mine Site Evaluation Inspection Report

26. State Permit Number

27. Date of Inspection
(Y M M D D)

ACT 015 017

8 4 0 6 2 2

28. Yes No Do mining and reclamation activities on the site comply with the plans in the permit?
 If no, provide narrative to support this determination.

29. Indicate number of complete and partial inspections conducted by the State to date for this annual review period:

29a. Number of Completes

29b. Number of Partials

30. Indicate number of complete and partial inspections required by the State during this annual review period:

30a. Number of Completes

30b. Number of Partials

31. Has inspection frequency been met?

31a. Yes No Completes

31b. Yes No Partials

32. FEDERAL ENFORCEMENT INFORMATION. [Enter violation number. Check appropriate box(es)]

Ten-Day Notice No.	Notice of Violation No.	Cessation Order No.	Violation Codes
<input type="text" value="84-02-0311-3"/>	<input type="text" value=""/>	<input type="text" value=""/>	
A <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Authorizations to Operate
B <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Signs and Markers
C <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Backfilling and Grading
D <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Highwall Elimination
E <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rills and Gullies
F <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Improper Fills
G <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Topsoil Handling
H <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sediment Ponds
I <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Effluent Limits
J <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Water Monitoring
K <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Buffer Zones
L <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Roads
M <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dams
N <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Blasting
O <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Revegetation
P <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spoil on the Downslope
Q <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mining Without Permit
R <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Exceeding Permit Limits
S <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Distance Prohibitions
T <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Toxic Materials
U <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other Violations

33. Name of Authorized Representative (print or type)

FRANK S. ATENCIO
Signature of Authorized Representative

- Date

0 2 0

Frank S. Atencio
Signature of Reviewing Official

July 10, 1984
Date

0 2 0

[Signature]

7-12-84

0 6 0

0 5 0

Utah Power and Light Company
P.O. Box 899
Salt Lake City, UT 84110

Des Bee Dove Mine
(Emery Mining Corp. Operator)

Inspection Date: June 22, 1984
Permit Number: ACT 015/017
OSM Inspector: Frank Atencio #031
Others Present: Larry Guyman, P.E., Construction Manger, Emery
Mining Corporation
Key Wyatt, Inspector, DOGM
Tom Wright, Insepctor, DOGM
Sam Hotckinss, U.S. Forest Service
Mark Humphry, OSM, WTC
Ron Naten, OSM, WTC

This oversight inspection was conducted along with members of the Western Technical Cenmter and a representative of the U.S. Forest Service. Their purpose for accompanying me and the State inspectors was to conduct a pre-permitting inspection evaluation. They were interested in identifying any situations from an inspection and enforcement standpoint that would need resolution before a Permanent Program Permit is approved. Mr. Hotckiss from the US Forest Service was interested in the special use permit area which the Des Bee Dove leases from the Forest Service.

At present UP & L is not actively mining coal. The activity that was occurring was general mine rehabilitation and maintenance work. MSHA has not allowed access to certain areaa of the underground workings since a fire broke out in early 1984.

Permits, Approvals, Modifications, etc.

May 11, 1978 letter from DOGM granting interim program permit approval for Des Bee Dove Mine.

December 10, 1977 US Forest Service special use permit.

November 23, 1983 copies of weather station charts which verify that the August 12, 1983 storm exceeded a 10 year, 24 hour precipitation event.

June 19, 1984 UP & L's tenative plan for converting sedimet, excavated from sediment pond due to August 12, 1983 storm, into a permanent storage area, northwest of sediment pond.

June 7, 1984 letter from DOGM concerning unauthorized disposal of wasterock at Hunter Power Plant's solid waste landfill.

November 10, 1983 letter of approval from Utah Department of Health allowing UP & L to use the American Kinfolk waste site to dispose of solid waste.

Hydrologic Balance

The inlet to the Beehive Portal had been cleaned of sediment that had accumulated during the August 12, 1983 storm. There were signs of water having drained into the portal from recent rainfall. Currently a consultant is designing an inlet to control the flow into the mine. The mine Safety and Health Administration has yet to approve a plan submitted by UP & L for surface water discharge into the Beehive portal.

UP & L plans to use the sediment that was removed from the Beehive Portal along with rock material which has been extracted during recent mine rehabilitation activities for road repair. I suggested to Mr. Guyman that they test the material for toxicity and combustibility. I also suggested that the material be cleaned of metal and wood debris that was visible throughout the material pile.

A rainfall which exceeded a 10 year, 24 hour event hit the Des Bee Dove Mine on August 12, 1983. As a result the sediment pond overflowed and was eventually filled with sediment. On December 20, 1983 DOGM approved an emergency varriance to allow UP & L to store the removed sediment temporarily in an area above the pond.

Since that time the state inspector has repeatedly reported that the sediments remain extremely wet. He has recommended that the sediment storage area be revegetated with silt and flood plants to help dewater and stabilize the area.

During this inspection the sediment storage area wasn't as wet as the last time the state inspector had seen it. The drying up process however had left large tension cracks on the embankment. The embankment is very steep, almost vertical, reaching a height of at least 20 feet. The overall stability of the embankment holding back the stored sediment seems suspect.

Mr. Guyman showed me a tentative plan that UP & L was finalizing for this area for submmital to DOGM. UP & L plans to regrade and cover the sediment storage area with excess subsoil that exists in this area. They also plan to revegetate and make it a permanent reclaimed site.

Due to the apparent instability of the embankment DOGM should make a determination, when UP & L submits its plan, on whether the sediment stroage area can be permanent or whether UP & L should remove the seidment elsewhere. However, since the current impoundment structure does not need MSHA criteria as required by UMC 817.46(q)(4), I issued Ten-Day Notice #84-2-31-4 on July 11, 1984. (Compliance code E)

Topsoil Handling

According to Mr. Guyman when the sediment pond was excavated the subsoil was stockpiled in an area immediately below the pond. Placement of this stockpile in this location does not appear in the approved plan for the Des Bee Dove. It appears that UP & L intends to use this subsoil for reclamation purposes. If this is so, then it must be treated and protected as a subsoil supplement or substitute. Also sediment control measures must be initiated at once since any sediment leaving this disturbed area does not pass through the sediment pond. This unapproved structure was included as part of Ten-Day Notice (TDN) 84-2-31-3 for failure to conduct underground coal mining activities in accordance with the approved plan. (compliance code M)

Haul/Access Road Design and Maintenance

A portion of the haulroad, below the material storage yard, which is south of the tippie area was damaged during the August 12, 1983 storm. A drop drain along with a major portion of the road embankment was washed away. Mr. Guyman stated that UP & L was waiting for approval of the Permanenet Program Reclamation Reclamation Plan for the Des Bee Dove before they could do any repair work. He said it would require a major modification to their current plan and that OSM who is doing their repermitting, isn't approving modifications.

OSM believes this is a maintenance situation which requires no modification. At the very least the drop drain should be replaced. This failure to control and minimize erosion to the extent possible, was added to TDN 84-2-31-3. (Compliance code J)

A haulroad which I understand was constructed by UP & L for use between the Des Bee Dove and Wilberg Mines has never been included in the Des Bee Dove Mine plan. There exists no bonding, or reclamation plan for post mining land use of this disturbed area. I could also not determine if topsoil had been salvaged during the road construction. This failure to conduct underground coal mining activities in accordance with the approved plan was included as a violation issued under TDN 84-2-31-3

Support Facilities

The downslope area of the parking lot pad where the bathhouse is located has been subjected to prolonged erosion. Controlling runoff from this parking lot pad has been a problem in the past. A protective concrete storm bar, which was installed along the pad's edge, during the summer of 1983, has been washed out in many areas. The asphalt on the parking lot pad has tension cracks and shows signs of subsidence.

Mr. Guyman told me of plans UP & L has of extending a culvert from the top of the pad to the lower materials yard. He also said there were plans to begin regrading the slope once the permanent program plan is approved. He also mentioned that UP & L planned to make repairs to the parking lot pad during the miner's holiday in July 1984.

Since some of the erosion damage has existed since the flood of August 12, 1984 I added this violation to TDN 84-2-31-3. UMC 817.181 states in part that support facilities, shall be designed, constructed or reconstructed, and located to prevent or control erosion. UP & L needs to determine if the steep embankment can be permanently stabilized or if the present location is not suitable to house support facilities.

Compliance codes (Item 25)

Blanks left since standards were not occurring during this inspection.