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**Utah
power**
& LIGHT COMPANY
MINING DIVISION
P.O. Box 310
Huntington, Utah 84528

October 3, 1989

RECEIVED
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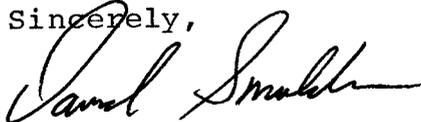
DIVISION OF
OIL, GAS & MINING

Mr. Rick Smith
Permit Supervisor
Utah Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Mr. Smith:

Enclosed for submittal are the 3rd Quarter 1989 Engineering Reports for Deer Creek, Cottonwood/Wilberg and Des-Bee-Dove Waste Rock Disposal Sites. Please find also, the 3rd Quarter 1989 Report of the Deer Creek Elk Canyon Storage Pad submittal.

Sincerely,



David Smaldone
Director of Permitting,
Compliance and Services

GD/do
Enclosure

cc: File

DEER CREEK
ACT/015/018
WASTE ROCK DISPOSAL SITE
3RD QUARTER 1989

INTRODUCTION

The original site is located on the north east end of the material storage yard and now serves as an area for material storage. Its storage capacity was approximately 90,000 cubic yards.

The current area for waste rock storage is located approximately 2.5 miles from the mine site in Huntington Canyon, more specifically is sections 5 and 6, T.17 S., R.8 E. SLM. When completed this site will contain approximately 1.3 million cubic yards of waste rock.

OPERATION

During the quarter approximately 10,000 cubic yards of waste rock material were dumped at the Deer Creek Waste Rock Storage Facility in Huntington Canyon. Once during the quarter the site was leveled and the trash and extraneous material was sorted and removed from the site. Due to the Deer Creek Mine sediment pond cleaning, an additional 6,000 cubic yards of pond sediment was disposed of in the facility. Water from the mine pond was hauled to the WRSF and discharged into the detention basin there.

INSPECTION

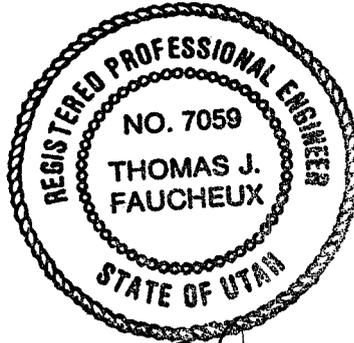
This inspection covered the inactive original storage facility as well as the current facility including the construction of the waste pile, the perimeter berms, the detention basin and the underdrain. No signs of instability were found in any of the waste piles but some minor tension cracks did exist at the crest of the perimeter berms. These will be monitored to determine if they are just settlement related or if slope stability is in jeopardy.

The underdrain was discharging several gallons per minute at the time of the inspection. Another wet seep area was located south of the detention basin. It appears that the water in the basin has migrated through the natural ground and is seeping into the canal which runs parallel to the south boundary of the site. There was no measurable flow but the water appears to have saturated an area with several rodent burrows adjacent to the canal. Excavation and backfilling around the saturated area should begin the week of October 2, 1989.

Inspection of the facility for structural stability was performed on September 27, 1989. Inspection of the operation of the facility was done on a continual basis.

CERTIFICATION

I do hereby certify that the waste rock sites for the Deer Creek Mine are constructed and maintained as designed and in accordance with the approved plan and Utah Coal Mining Rules. I do also certify that there is no evidence of instability, structural weakness, or other hazardous condition except as noted herein.



Thomas J. Faucheux 2 Oct 1989

THOMAS J. FAUCHEUX
P.E. 7059

DEER CREEK
ELK CANYON STORAGE PAD
ACT/015/018
3RD QUARTER 1989

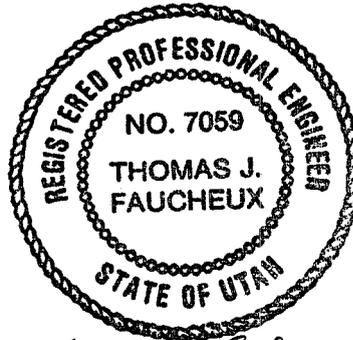
SLOPE STABILITY INSPECTION

The Elk Canyon Storage Pad was modified in 1988 to provide additional storage space for run of mine coal. The fill structure was constructed of underground development waste and coal processing waste. An estimated 24,000 cubic yards of material was used to construct the fill pad.

During the quarter approximately 100 cubic yards of trommel screen rejects were added to the structure. Construction of a retaining wall northwest of the fill required removal of a portion of the toe of the fill for access. This has not been replaced but is scheduled to be replaced and the entire fill surface reshaped in October, 1989. A surface tension crack was observed at the top of the fill above the area where the toe was removed. This was closely monitored and has shown no movement since it was first noticed.

The inspection of the storage pad for structural stability was done on September 27, 1989. Inspection of the construction and repair of the fill slopes will take place as work progresses.

I do hereby certify that the Elk Canyon Storage Pad is constructed and maintained as designed and in accordance with the approved plan. I also certify that the facility shows no signs of instability, structural weakness or other hazardous conditions other than those noted above.



Thomas J. Faucheux 2007' 1989

THOMAS J. FAUCHEUX
P.E. 7059