

APPROVED

September 22, 1988

Mr. James Ward
Bureau of Land Management
Department of the Interior
900 North 700 East
Price, Utah 84501

SUBJECT: Deer Creek Mine "D" North Longwall Panel Modification
Addendum to Utah Power and Light "D" North
Letter of June 27, 1988

Dear Mr. Ward:

Pursuant to BLM requests for evaluation of an alternative means of extracting the remaining reserves in the "D" North longwall area, Utah Power and Light Mining Division has concluded the following:

1. Based on historical geologic and coal quality data gathered during development and retreat mining cycles in the "D" North longwall area, mined ash levels far exceed the limits necessary for fuel consumption at the Huntington Power Plant.
2. Mine roof and ground conditions in the "D" North area have been severely affected by channel scours, adjacent retreat mining, and the north/south orientation of the longwall panels in the B-C-D North longwall block. (Figure One.)
3. Problems encountered during longwall mining in effectively controlling the immediate mudstone roof in the "D" North area precludes the possibility of increased mined ash due to roof dilution. Comparing the utilization of a continuous miner to extract the seam versus the recently ineffective longwall methods, control of the immediate roof would be impossible to maintain (Figure Two).
4. Recent entry instability and pillar bounces caused from frontal longwall abutment pressures in the 3rd South Mains creates concern in attempting to establish mining methods in "D" North that will significantly increase exposure of underground personnel to the weakened mine roof.

5. All continuous mining equipment, related personnel and resources at the Deer Creek Mine are committed to developing longwall panel blocks. This equipment is critically scheduled in order to maintain adequate production panels for the high-productive longwall machinery. Deer Creek Mine production equipment consists of longwalls only. Continuous mining equipment is used for development and construction only. Figure Three shows mining equipment commitments for several years in which all machinery is utilized and cannot be spared elsewhere.

It is the Mining Division's opinion that the "D" North reserve area is no longer minable by any means. Production units are now being placed in safer, more productive areas in the mine where a consistent coal power plant fuel can be mined. The "D" North area cannot provide the elements necessary to accomplish this and needs to be isolated to support further mining in the 3rd South Mains.

Sincerely,



Bart Eyita
Director Operations Engineering

BH/jd

Attachment

DEER CREEK MINE PRODUCTION UNIT TIMING

	1988		1989			1990			1991			1992			1993																																														
	M	J	J	A	I	S	O	N	D	J	F	M	A	M	J	J	A	I	S	O	N	D	J	F	M	A	M	J	J	A	I	S	O	N	D	J	F	M	A	M	J	J	A	I	S	O	N	D	J	F	M	A	M	J	J	A	I	S	O	N	D
CM #1	3N	1WM	4SM/1RT-7RT HDG			7RT	6RT	2LT	4LT	6LT	8LT																																																		
CM #2	12RT	14RT	16RT	17RT	3NS	1LT	3NSLP/2LT-10LTHDG			2WM																																																			
CM #3	12RT	15RT	1RT	2RT	3RT	4RT	5RT	3LT	5LT	7LT																																																			
L.W.	10RT	12RT	14RT	15RT	16RT	17RT	2R	3RT	4RT	5RT	6RT	3LT																																																	

FIGURE 3

