0013

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

SR/PR Rec'd JUL 05 1988

USDA-BLM
PRICE RAF

JUL 05 '88

EMPLOYEE	ACT	INFO
SR AM		
Ward	✓	
PR AM		
ALL IN ADMIN		
COPY ALL EMP BOARD		

MINOR MODIFICATION TO MINING PLAN APPROVED BY BUREAU OF LAND MANAGEMENT

Recommended By:
Stephen W Falk
June 30, 1988 8/22/88
Mining Engineer **(Date)**

Approved By:
Gene Nodine 9/14/88
~~Area~~ Manager **(Date)**
District

Mr. Brent Northrup
Bureau of Land Management
Moab District Office
P. O. Box 970
Moab, Utah 84532

SUBJECT: Cottonwood Mine Plan Update and R2P2 Modification

Dear Sir:

Recent changes in the Cottonwood South lease mine plan make it necessary to modify the existing resource recovery and protection plan.

The Cottonwood Mine sandstone escarpment USFS Decision Notice limiting mining to within subsidence barrier limits has been resolved for the entire South Lease area. This has enabled UP&L Mining Division to layout a mine plan which will maximize coal recovery within the minable limits of the South Lease. The revised Cottonwood Mine plan extends the life of the mine when compared to the alternative plan containing the proposed escarpment limitations.

The enclosed Cottonwood Mine map shows mining projections for the South Lease Hiawatha seam area. It also shows mining unit production timing for the next 2 years. The mine plan reflects a proposed rock tunnel access to the South Lease Cottonwood seam reserves. The minability of this seam is currently being evaluated by the Mining Division through exploration drilling of the known "hot" regions previously encountered. The mine plan modification accommodates mining the Cottonwood seam should it prove feasible based on drilling and recovery restrictions.

The reserves in the South Lease which comprise the upper Blind Canyon seam have proven through drilling and actual mining exploration to contain high in-seam ash levels. The immediate strata above the seam which would form the roof of a mining section is a thin, weak mudstone which separates the Blind Canyon seam from a rider seam in most areas by only 12 inches. The combination of high in-seam ash levels, heavy coal dilution from roof strata, and difficult roof control conditions, designate these reserves as unminable. The Cottonwood Mine plan modification does not reflect mining in the Blind Canyon seam of the South Lease area.

If you have any questions please feel free to call.

Sincerely,

Bart Hyita
Director Operational Engineering

BH/jd

cc: Morgan Moon
Jim Dryden/BLM

USDI-BLM
PRICE RAM
RECEIVED

JUL 05 '88