

NATOMAS
TRAIL
MOUNTAIN
COAL
COMPANY

March 25, 1983

Ken Wyatt
State of Utah
Division of Oil Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

RE: Approval to relocate power line

Dear Ken;

I am submitting this letter in regards to a proposed power line relocation project.

We plan to locate five power poles on the highwall access area. (See enclosed drawing).

The highwall access area is a previously disturbed area and the installation of the five poles would not necessitate the disturbance of any undisturbed area.

There would be no disturbance to the drainage control of the highwall area, infact, at this time we plan to improve our drainage control in that area.

Installation of proposed power line would be done by: Electrical Contractors Inc., Price, Utah.

The pole system will be designed "raptor protected" and will be installed in a workman like manner.

Your assistance in giving approval to this project is greatly appreciated.

Sincerely,

NATOMAS TRAIL MOUNTAIN COAL CO.



Allen Childs
Engineer

AC/gg

P.O. Box 551 Orangeville Utah 84537 a Natomas Coal Company subsidiary

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DIVISION OF
OIL GAS & MINING

Proposal

Page No. 1 of 1 Pages

ELECTRICAL CONTRACTORS, INC.

P.O. Box 606 - Price, Utah 84501
Telephone (801) 637-4157

PROPOSAL SUBMITTED TO NATOMAS TRAIL MOUNTAIN COAL CO.		PHONE	DATE 11-9-82
STREET P. O. Box 551		JOB NAME	
CITY, STATE and ZIP CODE Orangeville, Ut. 84537		JOB LOCATION	
ARCHITECT Attn: Mr. Allen Childs	DATE OF PLANS	JOB PHONE	

We propose hereby to furnish material and labor — complete in accordance with specifications below, for the sum of:

_____ dollars (\$_____).

Payment to be made as follows:

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications below involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized
Signature _____

Note: This proposal may be
withdrawn by us if not accepted within 30 days.

We hereby submit specifications and estimates for:

We are pleased to submit our proposal for building the 13,000 Volt line from below the drainage pond to the substation:

Labor and Material \$16,800.00

Labor and material for installation of

3 ea. 167 KVA ^{rebuild} Transformers
12,000 to 480 Volt

6,550.00

\$ 23,350

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Thank you for considering us for the job.

Respectfully yours,

Lavar Jensen
Lavar Jensen

of John Tomalakis



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

November 26, 1982

Mr. Andy King
Natomas Trail Mountain Coal Company
P.O. Box 370
Orangeville, Utah 84537

RE: Raptor Protection on Powerlines
Trail Mountain Mine
ACT/015/009
Emery County, Utah

Dear Mr. King:

The U S Fish and Wildlife Service (USFWS) has completed a survey of existing powerlines as per your request of May 26, 1982. The USFWS has found the design and construction of the existing powerlines at the Trail Mountain Mine to be "safe" to raptors (survey results enclosed). Therefore modification of the existing powerpoles will not be required.

Should you have any questions or concerns, please don't hesitate to call.

Sincerely,

LYNN KUNZLER
RECLAMATION BIOLOGIST

LK/lm

cc: OSM, Albuquerque
Ken Wyatt, DOGM

Enclosure

MAR 28 1983

DIVISION OF
OIL GAS & MINING

to perch on the pole. Much of the line traverses habitat used by wintering golden eagles. In fact, an adult golden eagle was observed using one crossarm as a perch. Mr. Joseph walked segments of the 3-4 mile line passing through relatively flat, sparsely vegetated habitat and documented some use of the lines by raptors. However, no remains were found and more importantly the lines are constructed such that birds are not likely to be electrocuted when using the crossarms as perch sites.

Wilberg

Mr. Rassmussen also showed Mr. Joseph the Wilberg line. The three phase line is energized with 69KV and is constructed such that eagles and other raptors are not likely to be electrocuted. As with the Des-Bee-Dove line, the Wilberg line has adequate conductor clearance on the 8-foot crossarm and center pole. A minimum of 42 inches separates the conductor on the pole top and those on the crossarm. Approximately 1-2 miles of line traverses habitat used by jackrabbits and no remains of rabbits or eagles were evident beneath the crossarms. Therefore, we do not anticipate any electrocution problems with the Wilberg line.

Deer Creek

The Deer Creek Mine line is constructed without a crossarm. Raptors are unable to perch on the staggered conductors of the 12KV line thereby eliminating electrocution hazards.

Trail Mountain and Knight

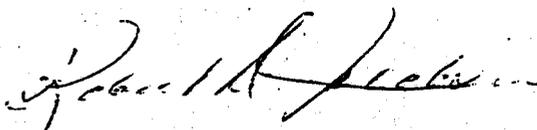
Mr. Rassmussen accompanied Mr. Joseph in the field to examine the UP&L lines providing power to the Trail Mountain Mine, Natomas Coal Company. The 12KV lines parallel the road and are of an armless configuration; a design which is safe for raptors because it prevents perching. The Knight Mine is of the same configuration as the Trail Mountain Mine. No problems are expected with the lines to the Knight Mine.

Beaver Creek Coal Company, Castle Valley Spur

Dave Myers of Beaver Creek Coal Company met with Mr. Joseph at the C.V. Spur facility and both walked the length of the line. The armless configuration and close proximity of the line to the C.V. Spur accounts for the lack of raptor use of the powerlines.

In summary, Mr. Joseph examined the lines described in your August 18, 1982, letter and has not found any to be a threat to eagles or other raptors. Please feel free to contact us once again if we can be of additional assistance.

Sincerely,



Joseph A. Jackson

Field Supervisor
Ecological Services