

UTAH POWER & LIGHT COMPANY

1407 WEST NORTH TEMPLE STREET

P. O. BOX 899

SALT LAKE CITY, UTAH 84110

December 11, 1981

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DIVISION OF
OIL, GAS & MINING

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State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Dear Sirs:

In reference to your inspection memo dated October 2, 1981, relative to the DOGM inspection at the UP&LCO Church Mines on September 14, 1981, we submit the following in response to the item titled "817.97 - Protection of fish, wildlife, etc."

The enclosed plan and profile (UD-38901, sheet 3 of 3) details the location of the 69 KV transmission line which serves as the power source for the Church Mine complex. Three types of single pole structures are utilized in that portion of the line within the permit area. The types "I" and "DP" structures (Drawings UB-32340-C and UB-34264-C enclosed) far exceed the phase to phase and phase to ground clearances recommended in the REA Bulletin 61-10, "Powerline Contacts by Eagles and Other Large Birds" and both have been approved as eagle-safe in studies conducted by Morlan W. Nelson for Utah Power & Light Company, enclosed. The type "CE, CB and CT" structures are single pole, armless construction with six-foot vertical conductor spacing. The only perch is at the top of the pole with no hazard to birds.

The ground wire on all structures has been disconnected thereby further eliminating the possibility of a phase to ground contact.

This ensures the design and construction of the power line to be raptor proof and in compliance with UMC 817.97(c).

Yours truly,

C. E. Shingleton
Director of Services
Mining and Exploration

CES:BMcQ:bb:3229

Encl.

cc: Larry Guymon w/attachments