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March 12, 1987

TO: File

FROM: Lynn Kunzler, Reclamation Biologist *LK*

RE: Compliance with UMC 817.97(c): Raptor Protection on Power Lines, Summit Coal Company, Inc., Boyer Mine, PRO/043/008, Folder No. 2, Summit County, Utah

On March 5, 1987, George Wilson, Resource Analyst with the Utah Division of Wildlife Resources accompanied Lynn Kunzler, Reclamation Biologist on a site visit of the Boyer Mine to inspect the existing the power distribution poles to determine compliance with UMC 817.97(c) regarding raptor protection technology.

Findings

The two poles by the substation which transmits power from the buried cable to the substation have a one-arm "tee" design with a static (ground) wire ca. 4' below the three phase conductors. The phase wires were spaced across the arm and attached to the arm with a horizontal insulator ca. 18" long. The poles were grounded with a groundwire extending up the pole and terminating at the static wire.

Powerpoles which distribute power to various locations on the mine site are an armless design with a single 3-phase conductor. The conductor was located in excess of 4' from the top of the pole.

Conclusions

It was determined that all existing poles in the power distribution system for mine are constructed according to acceptable raptor protection technology and complies with UMC 817.97(c).

jvb
cc: J. Blonquist
S. Linner
D. Lof
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