

May 7, 1986

TO: File

FROM: Lynn Kunzler, Reclamation Biologist *ky*

RE: Raptor Protection on Proposed Powerline For New Borehole Pump, Emery Deep Mine, ACT/015/015, Folders No. 3 and 13, Emery County, Utah

On May 1, 1986, Lynn Kunzler and James Leatherwood met with Steve Drummond to view existing powerlines and determine if any modification would be needed (for rapter protection) to construct a new powerline to provide power to a new borehole pump.

The existing powerline configuration to the original borehole pump consists of a 3-wire system and a pole ground. The cross-arm is made of Tubing (ca. 2" diam) that is ca. 18" long and sit at ca. 15° angle from horizontal. This design is considered safe since raptors will not attempt to land on the cross-arm.

The revegetation test plots were also visited. Vegetation was sparse and showed signs of poor vigor. The soil surface was very hard which appeared to limit infiltration. These areas should be monitored closely and may require additional treatments to improve infiltration such as tilling alfalfa hay into the top 6 - 8 inches of soil.

crh
cc: Kent Seaton
0308R-19

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