



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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June 18, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor
FROM: Susan White, Reclamation Biologist *SW*
RE: Initial Completeness Review, Utah Power and Light Company,
Des-Bee-Dove Mine, ACT/015/017, Folder #2, Emery County, Utah

Synopsis

The Permit Application Package (PAP) was reviewed as part of the Five-Year Permit Renewal Package. The PAP should not be considered complete until the below-mentioned items are included in the permit.

Analysis

R614-301-300 Biology-(SMW)

321.100 Please include in the Permit Application Package (PAP) a description of the salt desert shrub and Pinyon-Juniper vegetative type which is within the boundaries of the permit area. The general description of the salt desert shrub type is not representative of the permit area. The description of the Pinyon-Juniper type and associated species does not include the haul road.

322.220 The PAP must include site specific wildlife and associated habitat information to include the entire permit area (haul road).

323.400 The applicant must submit a vegetation map which includes the entire permit area (haul road, Map 2-12).

332.000 Please include a statement in the PAP of the anticipated impacts of subsidence on renewable resources.

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333.000 The applicant must include in the PAP a description of the environmental protective measures used during coal mining and how the operation will minimize impacts to the environment throughout the life of the mine. How is this currently being done?; are these protective measures being monitored?; do these measures include the haul road?.

341.210 The application does not include a seed mixture for the Pinyon-Juniper vegetative type along the haul road. Please include this in the PAP.

342.100 The application will include a description of the wildlife enhancement measures to be used during reclamation and postmining.

356.100 Table 10 (page 2-117) is not complete or adequate (no area measurement is listed) to evaluate the revegetation success of the reclaimed area. The tree and shrub standard of the Pinyon-Juniper reference area is not representative of the Pinyon-Juniper type along the haul road. The applicant must quantitatively measure the tree and shrub densities in the Pinyon-Juniper type adjacent to the haul road in order to evaluate the appropriate tree and shrub stocking rate for the postmining land use.

357.220 The applicant should realize and state in the PAP that the extended period of responsibility will continue for not less than 10 years. The Salt Desert Shrub vegetation type is a very difficult site to stabilize and establish. It may well take more than 10 years to meet the vegetative success standard for bond release.

358.500 The plan will specifically address the protection of wildlife from fences, conveyors, other barriers, toxic-forming materials and other hazards.

R614-301-400 Land Use-(SMW)

411.140 The application will contain maps which show the cultural and historic resources listed or eligible for listing in the National Register and known archeological sites (including the haul road) within the permit and adjacent areas.

411.142 The cultural and historic resources information in the PAP must include coordination with the State Historical Preservation Officer. A letter included in the PAP will suffice as coordination.

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412.100 The applicant must clearly state the proposed postmining land use. The statement will include how the postmining land use will be achieved.

412.200 The applicant will include a copy of comments from the legal or equitable surface owner concerning the proposed land use.

Recommendations

The permit is deficient until the above-mentioned items are included in the permit.

djh
AT63/12-14