

0040



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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December 28, 1998

TO: File

THRU: Daron Haddock, Permit Supervisor *DQH*

FROM: David Darby, Reclamation Specialist III *DD*

RE: Link Canyon Substation, Canyon Fuel Company, LLC, SUFCO Mine, ACT/041/002-98-1, Folder #2, Sevier County, Utah

SUMMARY:

The Division received a revised response to Canyon Fuel Company's Link Canyon Substation proposal on November 18, 1998. The substation will disturb 0.28 acres. The site lies adjacent to the dirt access road to Link Canyon. The site is not a continuous manned operation, after construction, access will be accomplished at low frequency, approximately once a week.

There is no coal development or extraction associated with is project, this no subsidence conditions were considered. There are no alluvial valley floors on or adjacent to the project.

Power lines will run from the substation to the mine via power lines. Holes will be drilled from the mine, underground to approximately to half the distance to the substation.

TECHNICAL ANALYSIS:

GEOLOGIC RESOURCE INFORMATION

Analysis:

Geologic resource information is contained in the MRP. The information is complete to define and characterize the substation site.

Findings:

Information provided in the proposed amendment is considered adequate to meet the requirements of this section.

HYDROLOGIC RESOURCE INFORMATION

Regulatory Reference: 30 CFR Sec. 701.5, 784.14; R645-100-200, -301-724.

Analysis:

Link Canyon is an ephemeral drainage. Canyon Fuel Company has designed a sampling program for their minesite that is incorporated in the MRP. Baseline information is not available for the ephemeral drainage. Since the disturbed is small, the applicant has planned to contain or treat all runoff on site using ditches, berms, silt fences and straw bales. Undisturbed drainage will be routed around the site where it will drain into the main channel.

Undisturbed drainage diversions are designed to control and transport the runoff from a design storm of 10 yr-6 hr precipitation event. The drainage was designed using the Soil Conservation Service's Curve Number method.

Three alternate sediment control areas are planned for controlling disturbed area runoff. The three areas total 0.18 acres. The substation will be surrounded by a berm and consists of 0.1 acres. An access road already exists. Minor construction will take place to widen the road at the substation entrance. Access road drainage will be controlled by the use of swales which will collect and divert runoff into the main channel.

Development of the site will not contact or involve groundwater sources.

Findings:

Information provided in the proposed amendment is considered adequate to meet the requirements of this section.

MAPS, PLANS, AND CROSS SECTIONS OF RESOURCE INFORMATION

Regulatory Reference: 30 CFR Sec. 783.24, 783.25; R645-301-323, -301-411, -301-521, -301-622, -301-722, -301-731.

Analysis:

The applicant has supplied Plate 5-2D detailing the substation site and route of the power line to the mine. The map shows the premining topography and planned facilities. All

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hydrologic controls are identified. There are no existing structures on the proposed site. Mine workings are not part of this proposal, thus subsidence is not an issue for this review.

Findings:

Information provided in the proposed amendment considered adequate to meet the requirement of this section.

RECLAMATION PLAN

BACKFILLING AND GRADING

Regulatory Reference: R645-301-553

Analysis:

The reclamation plan includes how backfilling and grading will be accomplished when the substation is no longer needed.

Findings:

Information provided in the proposed amendment is considered adequate to meet the requirements of this section.

RECOMMENDATION:

The sections of this amendment related to hydrology and geology are recommended for approval.