

PACIFIC POWER • UTAH POWER

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ELECTRIC OPERATIONS GROUP

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OCT 27 1989

DIVISION OF
OIL, GAS & MINING

October 27, 1989

Mr. Rick Smith
Permit Supervisor
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1204

file #2

Dear Mr. Smith:

Re: **OUTSTANDING DEFICIENCY UMC 817.43, RECLAMATION
PLAN FOR THE DES-BEE-DOVE HAUL ROAD, UTAH POWER &
LIGHT COMPANY, DES-BEE-DOVE MINE, ACT/015/017,
FOLDER #2, EMERY COUNTY, UTAH**

Resolution of the Des-Bee-Dove haul road has been studied. Memos from Division staff dated April 10, 1989 by Pamela Grubaugh-Littig and June 7, 1989 by Tom Munson have been reviewed. Recently UP&L technical staff have been working on several projects which have not enabled the Des-Bee-Dove road situation to be resolved. It is requested that another extension of time be granted to complete this project.

To resolve this issue the following information will be submitted:

- Drawing CM-10601-DS Sheets 4 of 4 will be revised and will be based on mass balance calculations.
- Yardages hauled will be consistent with bond estimates of Sections 3-E and 3-F.
- Cross-sections showing drainage areas to be left will be submitted. Culvert removal will be calculated.
- Reclamation bonding estimates will include riprap costs, revegetation costs and the estimate will be realistic regarding timing of activities.

Additionally, UP&L plans to provide:

- Technical information to support design methodology and assumptions (i.e., computer programs, example calculations, exact page references).

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- Gradation calculations for riprap and filter blankets.
- Rational for picking channel slopes as shown on Drawing No. CS1129C and actual longitudinal profiles for reclaimed channels.
- All supporting documentation for design calculations on Channel No. 14, including a complete drainage area map.

Revegetation test plots were established in October on Mancos fill slopes at the haul road. The purpose of the plots is to evaluate soil enhancing and stabilizing chemicals, amendments and methodologies. The project was planned and implemented in cooperation with Division personnel. Success of the project will not be determined for possibly two (2) years. However, it is assumed the potential for success is greater using the test methods than other less costly methods. Therefore, the test plot methods, seed-mix and amendments will be proposed for final reclamation and the bond estimate will be based on the same.

In addition to evaluating soil stabilizing chemicals on the test plots, other areas of erosion along the haul road will be closely examined, the extent of erosion will be determined and proposals and plans will be developed to more effectively control erosion. These may include runoff diversions, soil covering methods or additional chemical soil stabilizing agents. Any additional erosion control measures will be approved by the Division prior to implementation.

UP&L requests approval to submit this information no later than December 20, 1989. Seven (7) copies of all maps and text will be submitted for insertion into the permit. Additionally, plans for current erosion control will also be submitted at that time. Implementation of these plans will then be done during 1990 as weather permits.

Sincerely,



David Smaldone
Director of Permitting,
Compliance & Services
Fuel Resources

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