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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter,
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

January 19, 1989

TO: Susan Linner, Permit Supervisor

FROM: Lynn Kunzler, Reclamation Biologist *LK*

RE: Review of January 12, 1989 Submittal, Five-Year Permit
Renewal, Utah Fuel Company, Skyline Mines, ACT/007/005,
Folder #2, Carbon County, Utah

Summary:

The above referenced material has been reviewed for completeness and adequacy for resolving my comments incorporated in the Division's review document dated November 30, 1988. With exception of clarifying restoration of the riparian zone (see comment under 784.13), the plan can be considered complete and adequate for biological, landuse and revegetation areas.

Analysis:

UMC 783.19 Vegetation Information - 1k

The applicant has identified the vegetation reference areas that have been established and the portion of the disturbed area for which they will be used as the revegetation standard, including the Waste Rock Reference Area for the waste rock disposal site.

UMC 784.13 Reclamation Plan: General Requirements - 1k

In responding to the Division's concern regarding restoration of aquatic habitat and riparian revegetation, the operator has referenced a riparian revegetation plan that is not acceptable and has since been revised. Page 4-35 of the above referenced submittal makes reference to tables 4.7-G and 4.7-3 for final reclamation of the riparian zone. Table 4.7-G does not exist and is probably a typo for Table 4.7-6, which is the correct table for the handset seedlings. However, the plan identifies Table 4.7-3 as the seed mix for seeding the interspaces. Table 4.7-3 is only carried in the MRP to document the past history of riparian revegetation on site and does not meet the requirements of the regulations.

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As agreed upon in the fall of 1986, current plans for revegetation of the riparian zone consist of seeding and planting the banks with the appropriate seed mix listed on Tables 4.7-4 and 4.7-5 and adding the riparian shrub supplement on table 4.7-6.

Please correct page 4-35 to identify the current agreement for riparian revegetation.

Recommendations:

With exception of clarifying the riparian habitat revegetation plan, no additional information is needed to satisfy my previous comments.

cc: R. Harden
BT93/69-70