

0015



# 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

August 30, 1989

TO: Richard V. Smith, Permit Supervisor

FROM: Henry Sauer, Reclamation Soils Specialist *HS*

RE: Initial Completeness Review, Utah Power and Light Company, Cottonwood/Wilberg Mine Waste Rock Storage Facility, ACT/015/019, Folder #2, Emery County, Utah

## UMC 783.21 Soil Resources Information-(HS)

(a)(1, 2, & 3) The soils characterized by Tom Furst must be correlated with the most recent published or unpublished National Cooperative Soil Surveys. Additionally, the applicant must identify (percentage, pedon descriptions) soil phases and inclusions within a particular soil type. Limiting factors within soil types may be the result of phase and inclusion variation. Each inclusion and phase within the soil type proposed to be removed must be reported separately, mapped, and have physical and chemical analyses performed (Division Guidelines for Management of Topsoil and Overburden for Underground and Surface Coal Mining, Table 1).

(a)(4) The applicant must provide the present and potential productivity of the soil types to be disturbed.

## UMC 783.27 Prime Farmland Investigation-(HS)

(b)(5) The applicant must obtain written verification from the State Soils Scientist (Soil Conservation Service) regarding a negative prime farmland determination for the lands within the planned disturbance area.

## UMC 784.13 Reclamation Plan: General Requirements-(BAS/WJM)

(b)(4) The applicant must provide designs, cross sections, dimensions, minimum and maximum slope for the proposed topsoil and subsoil stockpiles.

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Memo to R. V. Smith  
ACT/015/019  
August 30, 1989

The applicant must provide an adequate isopach map delineating depth of topsoil removal from each area of disturbance. Topsoil salvage may be directly related to soil phase and inclusion variations (i.e., rock outcrops, natric horizons, etc.). Additionally, soils must be analyzed for the constituents outlined in the Division Guidelines for Management of Topsoil and Overburden, Table 1, down to the depth of planned excavation.

Please explain the methods and equipment employed to exact depth of soil removal.

(b)(7) The applicant must develop a plan to include an operational and final reclamation plan, to identify and ensure that all acid- and/or toxic-forming materials and materials constituting a fire hazard are disposed of in accordance with UMC 817.48, UMC 817.71-.75 and UMC 817.103.

djh  
AT23/19-20



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September 28, 1989

TO: Rick V. Smith, Permit Supervisor

FROM: Bill Malencik, Reclamation Specialist *JMM*

RE: UP&L/Cottonwood & Wilberg Mine, Act/015/019  
Initial Completeness Review, New Waste Rock Facility

Val Payne, Environmental Engineer for UP&L adequately responded and provided additional information on items UMC 771.23 (WJM), 783.19 (BAS/WJM), 784.13, 784.15, & 784.21. The revisions adequately address the Divisions concerns.

The operator has committed to provide additional information on the following items:

UMC 783.19 Vegetation Information

The range site assessment is being conducted by SCS and will be forwarded to the Division. The Field work was scheduled to be completed on Sept. 26, 1989.

UMC 784.21 Fish and Wildlife Plan

The operator has, in substance, committed to develop mitigation plan and include the information in the PAP. The tentative discussions among federal and state responsible officials, relative to mitigation measures, include water harvesting and vegetation enhancement on an off set area.



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September 26, 1989

TO: Richard V. Smith, Permit Supervisor

FROM: Pamela Grubaugh-Littig, Reclamation Engineer *pgl*

RE: **Completeness Issues, Waste Rock Storage Facility, Utah Power and Light Company, Cottonwood/Wilberg Mine, ACT/015/019, Folder #2, Emery County, Utah**

The applicant submitted completeness information on September 26, 1989. The verification of application has not yet been submitted to the Division, but the applicant committed to submit it by Friday, September 29, 1989. All of the engineering completeness issues have been resolved.

djh  
AT45/73