



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangarter

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

0007

May 4, 1990

TO: Daron Haddock, Permit Supervisor

FROM: Rick Summers, Senior Reclamation Hydrologist 

RE: Response to Stipulation UMC 817.46-2 - RS, Loadout  
Reclamation Pond Spillway Design, Coastal States Energy  
Company, Skyline Mine, ACT/007/005, Carbon County, Utah

SUMMARY:

The above referenced submittal was reviewed relative to hydrology regulations using the SEDCAD version 3.0 design utilities.

The spillway design is not a practical solution to meet the requirements of R614-714. A 20 foot bottom width with a 0.1 ft. head value (required for the 100 yr. - 24 hr. event) will not be feasible to construct. The division proposes to use an 8 foot bottom width spillway and a 25 year - 24 hour design event. The operator was phoned and notified of the design error (Gary Taylor). He responded that he would resubmit the design for review prior to July 1, 1990.

cc: R. Harden