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June 2, 1988

TO: Susan C. Linner, Reclamation Biologist/Permit Supervisor  
FROM: James Leatherwood, Reclamation Soils Specialist  
Re: Irrigation Plan, Genwal Coal Company, Crandall Canyon Mine, ACT/015/032, Folder #2, Emery County, Utah

### Synopsis

The proposed irrigation plan described in the updated Mining and Reclamation Plan for the Crandall Canyon Mine submitted February 16, and 23, 1988 has been reviewed. The operator has committed to irrigate if the slopes greater than 30% do not have an 80 percent cover. The Division staff will evaluate the percent cover June, 1988. The proposed irrigation plan is considered adequate with a commitment to the proceeding recommendation.

### Analysis

In section 3.5.5.2 of the Reclamation Plan the operator proposes an irrigation plan to be implemented if the 80 % cover requirement is not achieved. The Division Biologist will evaluate the percent cover June, 1988. If the slopes, 30 % or greater, do not meet the 80 % cover requirements, irrigation will be implemented. Irrigation would take place on a weekly basis. The irrigation system would consist of pipe laid on the ground, fitted with spray heads.

### Recommendation

Page 3-36 of the Reclamation Plan contains an erroneous outdated statement. The last sentence of paragraph five must be updated to reflect the potential planned irrigation based on the percent cover as outlined in previous sections of the Reclamation Plan.

cc: L. Kunzler  
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