

January 28, 1986

TO: Technical File

FROM: Rick P. Summers, Reclamation Hydrologist *RS*

RE: U.S. Fuel Co., Skyline Mine, Application for Permit Modification, ACT/007/005, Folder No. 3, Carbon County, Utah

Summary: The above referenced submittal, dated January 13, 1986, was reviewed for completeness in anticipation of conducting a technical review and producing a Decision Document and CHIA. Essentially, this is a seven page submittal with appendices. The document was found to be incomplete, although it is this reviewer's opinion that the most information needed currently exists in the MRP.

Recommendations: The following deficiencies should be relayed to the operator. Specific references (volume and page) to the original MRP will suffice if the information is applicable to the new lease area. Attached is the Division Policy Decision dated November 19, 1985 concerning content requirements for MRP's which add additional lease areas. Based upon that document, the proposed permit application should stand on its own. The current application does not meet that criteria.

Body: The following deficiencies should be addressed by the applicant:

- 1). Existing baseline data for seeps, springs, and streams in the new lease and adjacent area (i.e. Winter Quarters Canyon) should be presented (or referenced) and a description of the probable hydrologic effects relative to the mining of the new lease based upon that data should be included. Based upon the data and geologic description to be submitted, additional baseline data may be required.
- 2). The existing water monitoring points in the area should be presented. The monitoring plan should be updated to include all (or representative) springs and streams in the area of projected subsidence, potentially impacted water sources based on the dip and geologic description of the area, and water sources in the area which have baseline data collected. Proposed monitoring

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point 004 should reference to a specific spring (the map of springs simply shows the point near "numerous seeps & springs from 0.1 to 5 gpm"). All proposed monitoring should be in accordance with the attached guidelines.

3). A narrative should be submitted describing the anticipated production of increased mine water and plans for treatment of that water (UMC 817.50).

cc: Sue Linner
Dave Cline
Dave Darby
0317R-75