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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Salt Lake City, Utah 84180-1203  
801-538-5340

*File*

July 22, 1988

TO: John Whitehead, Permit Supervisor  
FROM: Richard V. Smith, Geologist *RVS*  
RE: Review of Mid-Term Response, Sunnyside Mines, Kaiser Coal Corporation, ACT 007/007, Folder #2, Carbon County, Utah

UMC 771.23 Permit Application - General Requirements for Format and Contents

Response is adequate.

UMC 784.20 Subsidence Control Plan

The Division requested that an updated Plate III-3 showing the location of subsidence monitoring stations be submitted. The operator submitted this information on Plate III-1, which does not include a projection of the mine workings. Accordingly, the operator's submittal is not particularly useful because the relationships between mine workings development and subsidence monitoring cannot be ascertained. I recommend the Division request that the operator provide an updated Plate III-3 as described in the Mid-Term Review Memorandum dated May 24, 1988.

UMC 817.41 Hydrologic Balance: General Requirements

The operator asserts in his response that mining did not take place in Section 13 of the B-Canyon area and the Mine Sequence Map submitted as part of the 1987 Annual Report did not indicate mining during 1987

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WPP40/4-5

For the record, the Mine Sequence Map received as part of the 1987 Annual Report shows mine development taking place in the B-Canyon area as follows:

June 1987	- colored purple
July 1987	- colored orange
August 1987	- colored maroon
September 1987	- colored yellow
October 1987	- colored grey
November 1987	- colored blue
December 1987	- colored green

Accordingly, I recommend the Division reiterate that the operator comply with the acquisition of data and PAP revisions as described in the Mid-Term Review Memorandum dated May 24, 1988.

RVS/cl  
WPP40/4-5



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May 24, 1988

TO: John Whitehead, Permit Supervisor  
FROM: Richard V. Smith, Geologist *RVS*  
RE: Mid-Term Review, Sunnyside Mines, Kaiser Coal Corporation,  
ACT/007/007, Folder #2, Carbon County, Utah

UMC 771.23 Permit Applications - General Requirements for Format and Contents - RVS

(a) In order to avoid confusion and prevent potential enforcement action(s), the Division hereby designates all materials (text and maps) related to the approved Permit Revision Application for the B Canyon area as forming Book 9, Chapter 16 of the approved PAP. The Division requests the operator provide nine copies of a revised Table of Contents that reflect this change for insertion into Books 1 through 9.

UMC 784.20 Subsidence Control Plan - (RVS)

The operator must submit an updated Plate III-3 showing the locations of subsidence monitoring stations that have been installed since permit approval and locations of the remaining proposed subsidence monitoring stations (i.e. Whitmore Canyon, Bear Canyon, Left Fork A Canyon, B Canyon). The operator is reminded that prior to initiating longwall mining in the B Canyon area or further development of the 21st and 22nd Left Panels in the No. 1 Mine, subsidence monitoring stations must be installed and baseline control measurements (elevations) must be completed.

UMC 817.41 Hydrologic Balance: General Requirements - RVS

The revised Mine Sequence Map, dated March 30, 1988 and submitted as part of the Annual Report for 1987, indicates entry development occurred in Section 13 of the B Canyon area during the past year. Accordingly, the operator must initiate drilling of the proposed underground borehole monitoring station in the B Canyon return air entry and proceed with water monitoring as described in the approved B Canyon Permit Revision (see p. 33R). Plate III-3 will require revision to locate the additional underground water monitoring station upon completion of the proposed borehole.

RVS/as  
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