



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor
Robert L. Morgan
Executive Director
Lowell P. Braxton
Division Director

OK

August 12, 2002

Wendell Owen, Mine Manager
Co-Op Mining Company
P.O. Box 1245
Huntington, Utah 84528

Re: Conditional Approval of Fuel Containment Enclosure, Co-Op Mining Company, Bear Canyon Mine, C/015/025-AM02E-1, Outgoing File

Dear Mr. Owen:

The above-referenced amendment is conditionally approved upon receipt of seven clean copies prepared for incorporation. Please submit these copies by September 2, 2002. Once we receive these copies, final approval will be granted, at which time you may proceed with your plans.

A stamped incorporated copy of the approved plans will also be returned to you at that time, for insertion into your copy of the Mining and Reclamation Plan. A copy of our Technical Analysis is enclosed.

If you have any questions, please call me at (801) 538-5325 or Mike Suflita at (801) 538-5259.

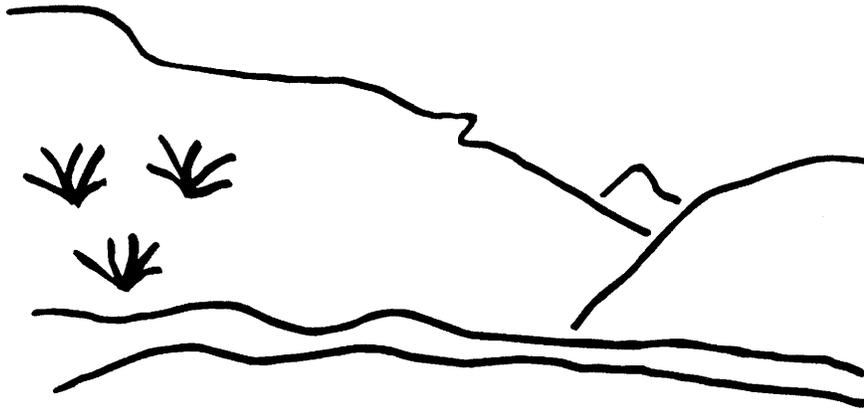
Sincerely,

A handwritten signature in black ink that reads "Daron Haddock".

Daron Haddock
Permit Supervisor

an
Enclosure
cc Price Field Office
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State of Utah



Utah Oil Gas and Mining

Coal Regulatory Program

Bear Canyon Mine
Fuel Containment Enclosure
C/015/025-AM02E-1
Technical Analysis
July 29, 2002

INTRODUCTION

TECHNICAL ANALYSIS

INTRODUCTION

On April 9, 2002 the Division received a proposed amendment, which included three elements. First, is the construction of a concrete retaining structure to contain spills from fuel tanks, second is a revision to the configuration of the conveyor belt system, and third is elimination of an underground water monitoring point. A Technical Analysis was sent to the Operator on May 9, 2002 and a response was received by the Division on May 20, 2002. This document is a review of the latest revision and there is one minor deficiency.

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C/015/025-AM02E-1
July 29, 2002

INTRODUCTION

OPERATION PLAN

OPERATION PLAN

HYDROLOGIC INFORMATION

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

Analysis:

Ground-water monitoring

The amendment proposes to remove an in-mine groundwater monitoring point designated DH-1A. The reason is the mining has progressed through the area where the well is located and is no longer safe to access. This is a normal part of the mining and monitoring work and removal of the monitoring point is approved.

Water quality standards and effluent limitations

The construction of a Fuel Containment Structure is described on page 3A-8. This structure is intended to correct the present situation where spills from any of the three tanks could exceed the capacity of the earthen berm and the spill would flow into Sediment Pond A. Basically, the Spill Protection Control and Containment Plan, SPCC Plan, is being revised to separate the disturbed area hydrologic ditches, diversions, and sediment ponds from possible spilled materials.

Plate 2-4C shows a five-sided structure with three tanks and text also describes these three tanks. The structure will hold the capacity of the largest tank, 17,500 gallons, plus a 10% increase, presumably for safety factor. The logic to determine the structure capacity is correct.

The Operator has indicated the spilled materials will be removed by draining them out a pipe having a locked valve and the material will be disposed of according to State and Federal Regulations. There is also a commitment to check the containment structure weekly and clean out standing water.

Sediment control measures

The amendment provides a new Figure 7K-1, Typical Conveyor Pan Structure. The change from the old figure is the provision of "Open for Service" area on the catwalk side of the conveyor belt. Formerly, the conveyor was completely enclosed, which did not allow for maintenance access to the conveyor belt, rollers, and dust catch pan. The enclosure of the conveyor is intended to minimize coal dust being blown from the belt into the drainage below. This change is necessary and appropriate and is approved.

Findings:

Information provided in the proposed amendment is considered adequate to meet the requirements of this section of the regulations.

RECLAMATION PLAN

RECLAMATION PLAN

BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

Analysis:

Determination of bond amount

The size and configuration of the reinforced concrete fuel containment enclosure have been provided. Costs for demolition of the fuel containment structure are also provided. These appear to be in line with accepted methods and costs of demolition.

Findings:

Information provided in the proposed amendment is considered adequate to meet the requirements of this section.

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