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KAISER COAL CORPORATION
Sunnyside Coal Mines
P.O. Box D
Sunnyside, Utah 84539
Telephone (801) 888-4421

RECEIVED

August 9, 1985

AUG 12 1985

D. Wayne Hedberg
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

**DIVISION OF OIL
GAS & MINING**

RE: Plans for Violation N85-4-17-3,
2 of 3

Dear Mr. Hedberg:

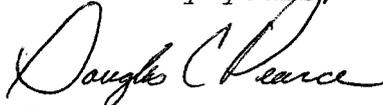
Current construction of the coarse refuse toe sediment pond does not meet the standard for side slope configuration set in UMC 817.46(m). As depicted on Plate III-5, Drawing B4-0047, revision 8/8/85, the inner slope is 2:1 and outer slope is 1.25:1 which gives a combined slope of 1v:3.25h.

Water treatment in this pre-law area is a continuing problem and has been subject to previous violations because of the limited space between the railroad embankment, the hillside rock outcrop and the drainage. The embankment was constructed in the present configuration to provide adequate room to contain the expected runoff from a 10 year, 24 hur storm. Lowering the crest of the embankment and mitigating the inner and outer slopes to 2.5:1 would lower the capacity of the structure. Expansion of the depression toward the hillside is not posible because of rock outcrops.

The firm of Rollins, Brown and Gunnell are conducting a geotechnical investigation to determine the stability of the present configuration. We are requesting that if the structure has a safety factor of 1.5 or greater, that the requirements of UMC 817.46(m) be waved. If the structure has a safety factor less than 1.5 then, the structure would be redesigned and reconstructed in the same area, which will result in a pond with smaller capacity. In this case we are requesting that the require-

ments of UMC 817.46(g) be waved. The resultant volume in the pond would not be able to contain the design event but would trap the majority of sediments and would require more frequent cleaning. The stability report will be available the week of August 19, 1985.

Sincerely yours,

A handwritten signature in cursive script that reads "Douglas C Pearce". The signature is written in dark ink and is positioned above the typed name.

Douglas C Pearce
Mine Engineer