



Coastal
The Energy People

0013

007/005 #2

January 27, 1993

Mr. Daron Haddock, Permit Supervisor
Division of Oil, Gas and Mining
255 West North Temple
Three Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Mr. Haddock:

In coordination with Rick Summers and Sharon Falvey, we have recalculated the watershed and run-off values at the waste rock disposal site. The largest flow is in ditch DU-5. In our original calculation we showed a peak flow of 18.75 CFS. In the new calculation, the peak flow is 17.95 CFS. Based on these calculations we feel our original submittal is still acceptable. These new calculations are to be included in Section 14 as pages 62 - 67. A map of the watershed area is shown on pages 63 and 65. The Manning coefficient for UDD-2 is for a ditch in rock and therefore doesn't need rip-rap. SW-10 is a concrete swale and therefore doesn't need rip-rap. We haven't shown this on the calculation pages, but can if you want us to.

In our review of Section 14 we found that in our November 9, 1992, submittal we omitted the calculations for UDD-3. We have no included these as pages 57 - 61.

We appreciate the assistance that Rick and Sharon gave to our consultant Mr. Shriver on January 12, 1993, in recalculating the watershed and run-off values. We feel their input has helped us arrive at values that more accurately depict that actual on the ground situation.

If you need any additional information, please contact us.

Sincerely,

for Glen A. Zumwalt
Vice President & General Manager

GAZ:KWW:sh
Enc.

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DIVISION OF
OIL GAS & MINING

Utah Fuel Company

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