

ACT/041/002 #3

0030



**Southern Utah
Fuel Company**

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Subsidiary of
Coastal States
Energy Company

August 11, 1983

Mr. Ken Wyatt
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

RE: NOV N83-7-3-1 Abatement

Dear Ken:

We are submitting the enclosed information as additional abatement action required by your June 14, 1983 letter concerning NOV N83-7-3-1. It demonstrates the adequacy of our existing sediment control structure to contain a 10 year, 24 hour precipitation event.

We have completed the steps planned in our June 23, 1983 letter to your office. The sediment pond has been drained and the sediment was cleaned out such that we could survey the "as-built" dimensions of the pond. The previously described modifications to increase the height of the standpipe and ensure proper spillway elevations have been completed such that the pond's holding capacity to the spillway elevation is 1.78 acre feet (0.01 acre feet more than required).

The recent modifications, which extended the standpipe to an elevation of 7,417 feet (1 foot below the spillway), have increased the holding capacity to 1.60 acre feet at this elevation. Until these recent modifications, the standpipe elevation was 7,411 feet. The holding capacity of the pond to this elevation was only 0.60 acre feet. Consequently, the retention time during last spring's runoff event was likely inadequate. The volume available for sediment storage and a 10 year, 24 hour precipitation event exceeds 1.77 acre feet. This 2½ fold increase in static holding capacity and the confirmation of 1.78 acre foot spillway capacity demonstrate the pond is in conformance with the design criteria and specifications determined by Merrick and Company.

This means that SUFCo does not need a variance permitting a 50% reduction in sediment storage volume over and above the 0.65 acre feet per acre of disturbed area reduction credited due to the two step removal system. The enclosed "as-built" map and drawing describes the critical dimensions.

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You will recall that our first abatement attempt referenced only our April 27, 1983 ACR response. You determined that response inadequate because it did not address the Division's comments on pages 8 through 13 of the ACR in detail. We subsequently addressed those comments in detail with our July 5th determination of completeness response. Please consider those individual responses in conjunction with this submittal in determining whether or not we have satisfactorily abated the violation.

Please notify us promptly if this satisfactorily abates the violation. If you have any further questions, please call either Wess Sorensen or me.

Yours very truly,
SOUTHERN UTAH FUEL COMPANY



Kerry A. Frame
Chief Engineer

KAF:dlj

Enclosures