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4 January 1992

Pamela Grubaugh-Littig
Permit Supervisor
Utah Division of Oil Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

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Dear Ms. Grubaugh-Littig:

DIVISION OF
OIL GAS & MININGRe: Review of Hydrology Portion of Mine Plan, Bear Canyon Mine,
Co-Op Mining Company, ACT/015/025, Emery County, Utah

#7

Attached are two copies of proposed pages for the mine plan. Modifications and updates have been made to the plan to address issues discussed in a letter from the Division dated 11 December 1991.

Each issue is addressed separately on the attached pages. Plates and pages have been marked "DRAFT" to differentiate them from those previously approved. Four copies of these revised pages will be forwarded to the Division upon receipt of written approval. Please notify me if there are any questions or additional concerns regarding this matter.

Thank you,



Kimly C. Mangum, P.E.
Permitting & Compliance Consultant.

Enclosure(s)
cc: Co-Op Mining Co.

Hydrology Review

ITEM #1

p 7-32 A totalizing flow meter is installed to monitor mine water discharge just within the mine at the Fan Portal. Text has been modified to clarify information.

ITEM #2

Plate 7-1C The Culinary overflow discharges into C-8U. Plate
p 7-32 7-1C rev. 3, dated 12-19-91 (submitted previously) was modified to show the overflow line and text was added to indicate the same.

ITEM #3 - Sediment Pond As-Built

- 1) p 7-108 Text has been modified to clarify actual events.
- 2) p 7-109 The second elevation noted is actually 7,096.4. Modifications made should be helpful.
- 3) p 7-108 Text has been modified to clearly indicate maximum sediment clean out level.
- 4) p 7-110 Text has been modified to clarify actual events. The actual estimated annual sediment volume is 3848 cu ft not 4778. See Appendix 7-F, p 4 of 51.
- 5) p 7-110 Text has been modified to clearly indicate maximum sediment clean out level.

ITEM #4

Plate 7-5 Note was added in rev. 1, dated 10/91, to clarify the distinction between "Disturbed" and "Undisturbed" drainage areas. I understand that this was reviewed and agreed upon between Hugh Klein of the Division and Charles Reynolds of M.E.C. during an on-site inspection in December 1991.