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1407 West North Temple
P.O. Box 899
Salt Lake City, Utah 84110

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DIVISION OF
OIL, GAS & MINING

December 23, 1988

Mr. John Whitehead
Permit Supervisor/Reclamation Hydrologist
State of Utah
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear Mr. Whitehead:

Submitted are revised copies of Pages 2-71 and 2-72 dated 12/12/88 regarding the Des-Bee-Dove Mine mid-term review. Four (4) copies of mid-term correspondence material will be sent to you by January 15, 1989.

Sincerely,

A handwritten signature in cursive script, appearing to read "David Smaldone".

David Smaldone
Director of Permitting,
Compliance & Services
Mining Division

DS:bb:6130
Enclosure

HYDROLOGY

UMC 784.14 - RECLAMATION PLAN: PROTECTION OF HYDROLOGIC
UMC 783.15 BALANCE
UMC 783.16

The following is a summary of the hydrologic monitoring schedule that will be utilized for the Deer Creek, Cottonwood/Wilberg and Des-Bee-Dove Mines. The area in general encompasses East Mountain. The hydrologic monitoring schedule includes current mine workings, subsided areas and areas where mining is projected during the next five years.

Regarding in-mine monitoring, Utah Power & Light Company, in accordance with its established hydrologic monitoring program collects data regarding groundwater inflow at the Deer Creek and Cottonwood/Wilberg Mines but not the Des-Bee-Dove Mine. Because conditions and access in the mines are ever changing, likelihood that areas that are currently monitored will, at some point in the life of the mine, become inaccessible to monitoring, it is important that our in-mine monitoring be flexible to adapt to these changing conditions. Therefore, UP&L commits to monitoring all water inflows exceeding 5 GPM flow in long-term development entries at their point of entrance to the mine until, 1) they become inaccessible, 2) they become unfeasible to monitor with a permanently installed

collection devise, or 3) it is mutually agreed by the Division and UP&L that monitoring of the location is not needed. When conditions, as stated above, make a location inaccessible or unfeasible to monitor, UP&L shall notify the Division in writing to request deletion of the monitoring site. UP&L shall also notify the Division as new monitoring sites are added to the program. The current in-mine monitoring locations are shown on Maps 2-11 "Blind Canyon and Cottonwood In-Mine Water Monitoring Locations" Drawing No. CE-10533-DR dated 9/4/86, and by Map 2-11A "Hiawatha Coal Seam In-Mine Water Monitoring Locations Drawing No. CE-10532-WB dated 9/4/86. These maps will be updated with the submittal of the "1989 Annual Hydrologic Monitoring Report" to be submitted during the first quarter 1989. These in-mine locations pertain to the Cottonwood/Wilberg Mine and the Deer Creek Mine, not the Des-Bee-Dove Mine.

For the following reasons the mine workings of the Des-Bee-Dove mines have been dry with the exception of localized short-lived occurrences of ground water. When ground water was intersected in the mine, it was monitored to better understand its occurrence. At the time of the closure of the mines in February 1986 no water was actively flowing into the mine workings. If and when the mine is once again activated UP&L shall inspect the accessible working for water occurrences and shall monitor any occurrences that are found.