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015/018

**PACIFICORP**  
ELECTRIC OPERATIONS GROUP

August 24, 1990

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DIVISION OF  
OIL, GAS & MINING

Ms. Pamela Grubaugh-Littig  
Permit Supervisor  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

Re: Deer Creek Stream Channel Study  
Utah Power & Light Company, Deer Creek Mine, ACT/015/018  
U.P.D.E.S. Permit No. UT-0023604, Emery County, Utah

Dear Ms. Littig:

Pursuant with our efforts to secure approval of a mine water discharge and redesignation of the stream segment for the subject mine, transmitted herewith is a copy of the channel study of the Deer Creek drainage tributary to Huntington Creek. This study was performed and prepared by Ecosystems Research Institute of Logan, Utah, to assess the impacts of the proposed mine water discharge within the Deer Creek drainage.

This study was initially submitted to the Bureau of Water Pollution Control (Bureau) on August 20, 1990, in support of our applications for stream segment removal from R448-2-12.13 and U.P.D.E.S. mine water discharge near the portal.

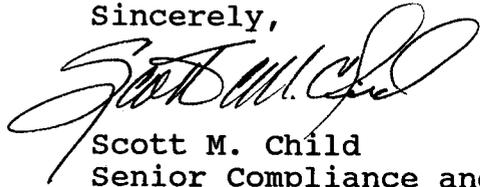
The results of this study indicate that at a constant flow of 7 to 12 CFS, the effects on Huntington Creek are not as great as existing conditions. We have requested to discharge 7 CFS utilizing a variable step release program as recommended by the study and increase the flow as needed. In addition, UP&L will monitor the release to assure no adverse impacts downstream.

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This study is submitted to you for your information and as followup to our permitting activities initiated in the Spring of 1990. Any comments regarding the study should be directed to the Bureau.

Should you have any questions, please feel free to contact me at 220-4612.

Sincerely,



Scott M. Child  
Senior Compliance and Land  
Status Analyst

SMC:bfr

cc: w/encl.

Ira Hatch, Price District Ranger  
Manti-LaSal National Forest  
Miles Moretti, Utah State Division of  
Wildlife Resources

cc: w/o encl.

D. W. Jense,  
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