

AMERICAN ELECTRIC POWER Service Corporation

0008



P. O. Box 629  
Helper, Utah 84526  
Phone (801) 472-3481

*file in  
Brazzale*

March 21, 1978



Mr. Brian W. Buck  
Engineering Geologist  
State of Utah  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Plans and Specifications for the Refuse Disposal Area  
in Schoolhouse Canyon

Dear Brian:

Your March 13, 1978, letter is at hand and we would like to respond promptly because work on this project should start soon after the coal strike settlement. For your information, General Coal Construction, Division of H-E Lowdermilk, of Helper will be the general contractor.

The main diversion channel above the dump, which will carry the runoff at the head of Schoolhouse Canyon, will be rock lined and will have low flow velocities.

The discharge from the main diversion ditch will cascade down the south rock walls of Barn Canyon. Our field inspection indicated erosion of the canyon face will be very small.

Golder has addressed the slope stability above all major cuts on a short term basis only. AEP assumes a yearly clean up and trimming operation must be considered and as such we are in the process of purchasing 1-D8 Cat, 1-D5 Cat and a motor grader. Freezing and thawing each spring season has always been a problem in lower Price Canyon.

MESA has approved the dump slope ratio and I would be glad to forward a copy of their letter so stating their approval.

Until we can establish a pattern on how well the refuse will dewater, our program now is to layer and blend fine and coarse refuse. We will have a high float D5 Cat on the pile during the operation of the preparation plant. There is strong indication, experienced at existing No. 3 Mine refuse area, that a special drain core will not be required.

Mr. Brian Buck

Page 2

March 21, 1978

Please find attached additional information we have received from our consultant Golder Associates dealing with Hydrologic Analysis and Settling Pond Embankment Stability Calculations.

I trust this letter will answer questions noted in your March 13 letter. If not, please do not hesitate to contact us.

Sincerely,

AMERICAN ELECTRIC POWER  
SERVICE CORPORATION



Lee E. McCloskey

LM:jp

Enclosures

cc: W. H. Haynes  
G. L. Haub

