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file 4769

April 22, 1988

Mr. Rick Kaster
Route 3
Buhl, ID 83316

RE: Mud Creek Hydro, FERC Project No. 4769

Dear Mr. Kaster:

In request to your telephone call, I contacted Senior Conservation Officer, Bruce Palmer, about measuring the orifices on the gates for the Mud Creek project. Mr. Palmer met you on March 31, 1988, and measured each orifice.

A copy of this letter will be sent to the FERC showing that the orifice for the upper diversion is 7" x 12", and for the lower diversion it is 8 1/4" x 12". These openings, with head levels measured at 66" and 41", respectively, will provide the necessary bypass of 5 cfs.

This satisfies the Department's requirement for instream flows. Because of the design, it will not be necessary to provide records to us on daily flow levels. This system guarantees minimum flows if the stated head levels are maintained.

Sincerely,

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William D. Horton
Staff Biologist

cc: FERC (Portland)
USFWS (Boise)
Region 4

WDH:mw