



United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



IN REPLY REFER TO: MT-450

December 8, 2010

FAXOGRAM: Water Order Change

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota
Attention: F-6001
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado
Attention: J-4120
Facilities Manager, Hardin, Montana
Attention: MT-300: Tom Tauscher
Project Manager, Mills, Wyoming
Attention: WY-4000, WY-4100, WY-6400
Assistant Superintendent, National Park Service, Lovell, Wyoming
Attention: Jim Staebler

From: Reservoir and River Operations, Billings, Montana

Subject: **Yellowtail Water Release Order - BHR No. 11-17**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3626.27 Storage: 925,174 acre-feet; River Release: 2,370 cfs; Inflow: 2,430 cfs;

GENERAL COMMENTS:

Power generation indicates actual river flows are lower than anticipated. To adjust for the variation in flows, the following operation change is required at Yellowtail Dam and Powerplant, applying a new shift of -0.17 to the river gage height.

YELLOWTAIL TURBINE RELEASE:

At 1630 hour on Wednesday, December 8, 2010:

Maintain average daily turbine release at 2,300 cfs ($\approx 1,315$ MW-Hrs/day using 42.0 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1630 hour on Wednesday, December 8, 2010:

Maintain diversions to the Bighorn Canal at 0 cfs.

Maintain river release at 2,370 cfs (increase gage height to 60.07 & apply new shift of -0.17).

Maintain total release from the Afterbay at 2,370 cfs.

/S/ Tim H. Felchle