



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

November 30, 2011

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: Valerie Newman

From: Reservoir and River Operations, Billings, Montana

Subject: **Yellowtail Water Release Order - BHR No. 12-11**

CURRENT RESERVOIR CONDITIONS

Elevation: 3635.87 Storage: 971,302 acre-feet; River Release: 3,130 cfs; Inflow: 2,215 cfs;

GENERAL COMMENTS:

Power generation indicates actual river flows are higher than anticipated. To adjust for the variation in flows and continue evacuating storage as planned, the following operation change is required at Yellowtail Dam and Powerplant by applying a new shift of -0.08 to the river gage height. This will not affect the maintenance previously scheduled for December 5-16 when generation will be limited and restricted to a 3-unit capacity.

YELLOWTAIL TURBINE RELEASE:

At 1600 hour on Thursday, December 1, 2011:

Maintain average daily turbine release at 3,060 cfs ($\approx 2,165$ MW-Hrs/day using 33.9 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1600 hour on Thursday, December 1, 2011:

*Maintain diversions to the Bighorn Canal at 0 cfs (gage height = 68.50 with 0.00 shift).
Maintain river release at 3,130 cfs (decrease gage height to 60.56 & use new shift of -0.08).
Maintain total release from the Afterbay at 3,130 cfs.*

/S/ Tim H. Felchle