



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 14, 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. 12-09**

CURRENT RESERVOIR CONDITIONS

Elevation: 3637.75 Storage: 993,049 acre-feet; River Release: 3,130 cfs; Inflow: 2,035 cfs;

GENERAL COMMENTS:

Recent streamflow measurements indicated 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 apply a new shift of -0.21 to the river gage height.

YELLOWTAIL TURBINE RELEASE:

At 1600 hour on Monday, November 14, 2011:

Maintain average daily turbine release at 3,060 cfs (\approx 2,210 MW-Hrs/day using 33.2 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1600 hour on Monday, November 14, 2011:

*Maintain diversions to the Bighorn Canal at 0 cfs (gage height = 69.32 with -0.82 shift).
Maintain river release at 3,130 cfs (decrease gage height to 60.69 & use new shift of -0.21).
Maintain total release from the Afterbay at 3,130 cfs.*

/S/ Tim H. Felchle