



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

October 13, 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. 12-03**

CURRENT RESERVOIR CONDITIONS

Elevation: 3642.69 Storage: 1,055,755 acre-feet; River Release: 3,750 cfs; Inflow: 3,800 cfs;

GENERAL COMMENTS:

Due to the recent precipitation received during October 6-7, inflows into Bighorn Lake have increased. To continue evacuating flood storage in Bighorn Lake, the following operation change is required at Yellowtail Dam and Powerplant.

YELLOWTAIL TURBINE RELEASE:

At 1600 hour on Thursday, October 13, 2011:

Increase average daily turbine release to 3,930 cfs ($\approx 3,144$ MW-Hrs/day using 30.0 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1600 hour on Thursday, October 13, 2011:

Maintain diversions to the Bighorn Canal at 0 cfs (gage height = 69.32 with -0.82 shift).

Increase river release to 4,000 cfs (gage height = 62.05 with -0.99 shift).

Increase total release from the Afterbay to 4,000 cfs.

/S/ Tim H. Felchle