



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

January 11, 2012

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. 12-18 (Revision)**

CURRENT RESERVOIR CONDITIONS

Elevation: 3629.07 Storage: 902,921 acre-feet; River Release: 3,130 cfs; Inflow: 2,265 cfs;

GENERAL COMMENTS:

A 10-day outage is scheduled on Unit #3 of the Yellowtail Powerplant for January 30 through February 8, 2012. After this maintenance is completed, a 30-day outage is scheduled on Unit #4 of the powerplant for February 13 through March 13, 2012. To allow for the scheduled maintenances, the following operations are required at Yellowtail Dam and Powerplant, restricting and limiting the power turbine releases to 3-unit capacity.

YELLOWTAIL TURBINE RELEASE:

During 0800 hour on Monday, January 30 through 1730 hour on Wednesday, February 8, 2012:
*Maintain average daily turbine release at 3,060 cfs (\approx 2,295 MW-Hrs/day using 32.0 cfs/mw).
Restrict and limit turbine releases to 3-unit capacity.*

During 0800 hour on Monday, February 13 through 1730 hour on Tuesday, March 13, 2012:
*Maintain average daily turbine release at 3,060 cfs (\approx 2,295 MW-Hrs/day using 32.0 cfs/mw).
Restrict and limit turbine releases to 3-unit capacity.*

AFTERBAY RELEASE AND OPERATION:

During 0800 hour on Monday, January 30 through 1730 hour on Wednesday, February 8, 2012:
*Maintain diversions to the Bighorn Canal at 0 cfs (gauge height = 68.50 with 0.00 shift).
Maintain river release at 3,130 cfs (gauge height = 60.48 with -0.00 shift).
Maintain total release from the Afterbay at 3,130 cfs.*

During 0800 hour on Monday, February 13 through 1730 hour on Tuesday, March 13, 2012:
*Maintain diversions to the Bighorn Canal at 0 cfs (gauge height = 68.50 with 0.00 shift).
Maintain river release at 3,130 cfs (gauge height = 60.48 with -0.00 shift).
Maintain total release from the Afterbay at 3,130 cfs.*

/S/ Tim H. Felchle