



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 12, 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. 11-02**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3628.22 Storage: 942,756 acre-feet; River Release: 2,500 cfs; Inflow: 1,845 cfs;

GENERAL COMMENTS:

The storage level of Bighorn Lake is currently at 93 percent of average. The October-March inflows are forecast to be about 80 percent of average. To conserve storage and meet the objectives of the revised operating criteria for Bighorn Lake, the following operation is required at Yellowtail Dam and Powerplant.

YELLOWTAIL TURBINE RELEASE:

At 1600 hour on Wednesday, October 13, 2010:

Decrease average daily turbine release to 2,300 cfs ($\approx 1,865$ MW-Hrs/day using 29.6 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1600 hour on Wednesday, October 13, 2010:

Maintain diversions to the Bighorn Canal at 0 cfs.

Decrease river release to 2,370 cfs.

Decrease total release from the Afterbay to 2,370 cfs.

/S/ Tim H. Felchle