



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 4, 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. 12-01**

CURRENT RESERVOIR CONDITIONS

Elevation: 3640.11 Storage: 1,021,962 acre-feet; River Release: 3,500 cfs; Inflow: 2,840 cfs;

GENERAL COMMENTS:

A recent Streamflow measurement was made on the Bighorn River, to correct the shift and control the draw down rate of the Reservoir, the following operation change is required at Yellowtail Dam and Powerplant.

YELLOWTAIL TURBINE RELEASE:

At 1600 hour on Wednesday, October 5, 2011:

Decrease average daily turbine release to 3,180 cfs ($\approx 2,245$ MW-Hrs/day using 34.0 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1600 hour on Wednesday, October 5, 2011:

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

Decrease river release to 3,250 cfs (gage height = 61.56 with -0.99 shift).

Decrease total release from the Afterbay to 3,250 cfs.

/S/ Tim H. Felchle