



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 27, 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. 12-05**

CURRENT RESERVOIR CONDITIONS

Elevation: 3640.18 Storage: 1,022,845 acre-feet; River Release: 4,340 cfs; Inflow: 2,400 cfs;

GENERAL COMMENTS:

All storage is expected to be successfully evacuated from the exclusive flood control pool by late Thursday, October 27. To slow the evacuation rate of storage in Bighorn Lake and gradually reduce releases to the Bighorn River, the following operation change is required at Yellowtail Dam and Powerplant.

YELLOWTAIL TURBINE RELEASE:

At 1600 hour on Thursday, October 27, 2011:

Decrease average daily turbine release to 3,780 cfs (\approx 2,925 MW-Hrs/day using 31.0 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1600 hour on Thursday, October 27, 2011:

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

Decrease river release to 3,850 cfs (gage height = 61.44 with -0.48 shift).

Decrease total release from the Afterbay to 3,850 cfs.

/S/ Tim H. Felchle