



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 11, 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. 12-02**

CURRENT RESERVOIR CONDITIONS

Elevation: 3642.67 Storage: 1,055,484 acre-feet; River Release: 3,250 cfs; Inflow: 4,000 cfs;

GENERAL COMMENTS:

Due to the recent precipitation received during October 6-7, inflows into Bighorn Lake increased to nearly 12,000 cfs. Storage has entered the exclusive flood pool and continues to slowly increase. To slow the fill rate and evacuate flood storage in Bighorn Lake, the following operation change is required at Yellowtail Dam and Powerplant.

YELLOWTAIL TURBINE RELEASE:

At 1600 hour on Tuesday, October 11, 2011:

Increase average daily turbine release to 3,680 cfs (\approx 2,600 MW-Hrs/day using 34.0 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1600 hour on Tuesday, October 11, 2011:

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

Increase river release to 3,750 cfs (gage height = 61.89 with -0.99 shift).

Increase total release from the Afterbay to 3,750 cfs.

/S/ Tim H. Felchle