



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

September 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. 12-53**

CURRENT RESERVOIR CONDITIONS

Elevation: 3627.76 Storage: 891,359 acre-feet; River Release: 1,750 cfs; Inflow: 1,900 cfs;

GENERAL COMMENTS:

A decrease in power generation indicates actual river flows are lower than anticipated. To adjust for the variation in flows, the following operation is required at Yellowtail Dam, Powerplant and Afterbay Dam.

YELLOWTAIL TURBINE RELEASE:

At 0900 hour on Tuesday, September 11, 2012:

Maintain average daily turbine release at 2,080 cfs ($\approx 1,144$ MW-Hours/day using 43.6 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 0900 hour on Tuesday, September 11, 2012:

Maintain diversions to the Bighorn Canal at 400 cfs (gage height = 73.65 with shift of +0.15).

Maintain river release at 1,750 cfs (increase gage height to 59.64 & apply new shift of -0.30).

Maintain total release from the Afterbay at 2,150 cfs.

Special Note: To accomplish ongoing contract work on the Afterbay Dam sluice gates and sluice gate water way, the level of the Afterbay must be maintained between the elevations 3186-3190 at all times.

/S/ Tim H. Felchle