



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 12, 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. 12-55**

CURRENT RESERVOIR CONDITIONS

Elevation: 3627.71 Storage: 890,924 acre-feet; River Release: 1,750 cfs; Inflow: 1,840 cfs;

GENERAL COMMENTS:

Due to a decrease in irrigation demands, the BIA has requested a decrease in diversions to the Bighorn Canal. In response, the following operation change is required at Yellowtail Dam, Powerplant, and Afterbay Dam.

YELLOWTAIL TURBINE RELEASE:

At 0900 hour Thursday, September 13, 2012:

Decrease average daily turbine release to 2,030 cfs ($\approx 1,117$ MW-Hrs/day using 43.6 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 0900 hour Thursday, September 13, 2012:

Decrease diversions to the Bighorn Canal to 350 cfs (gage height = 73.30 with +0.15 shift).

Maintain river release at 1,750 cfs (gage height = 59.64 with -0.30 shift).

Decrease total release from the Afterbay to 2,100 cfs.

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

/S/ Tim H. Felchle