



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

May 15, 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. 12-33**

CURRENT RESERVOIR CONDITIONS

Elevation: 3615.21 Storage: 795,976 acre-feet; River Release: 2,000 cfs; Inflow: 2,565 cfs;

GENERAL COMMENTS:

To meet increased irrigation demands, the BIA has requested an additional increase in diversions to the Bighorn Canal. In response, the following operation is required at Yellowtail Dam and Powerplant.

YELLOWTAIL TURBINE RELEASE:

At 1200 hour on Tuesday, May 15, 2012:

Increase average daily turbine release to 2,430 cfs (\approx 1,205 MW-Hrs/day using 48.4 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1200 hour on Tuesday, May 15, 2012:

Increase diversions to the Bighorn Canal to 500 cfs (gage height = 73.87 with +0.57 shift).

Maintain river release at 2,000 cfs (gage height = 59.72 with -0.14 shift).

Increase total release from the Afterbay to 2,500 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