



IN REPLY REFER TO: MT-450

United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



May 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. 12-31**

CURRENT RESERVOIR CONDITIONS

Elevation: 3614.92 Storage: 794,095 acre-feet; River Release: 2,000 cfs; Inflow: 2,290 cfs;

GENERAL COMMENTS:

The gate refurbishment contractor will be refurbishing the sluice gates on the Yellowtail Afterbay Dam and performing concrete repairs in the sluice gate water way. To accomplish this work, clearances will be placed on the sluice gates and all flows to the Bighorn River will be released through the Afterbay Dam radial gates and the level of the Afterbay will be maintained between elevations 3186-3190. This work is anticipated to take approximately 8-12 weeks to complete.

YELLOWTAIL TURBINE RELEASE:

At 0800 hour on Monday, May 14, 2012:

Maintain average daily turbine release at 2,350 cfs (\approx 1,250 MW-Hrs/day using 45.1 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 0800 hour on Monday, May 14, 2012:

Maintain diversions to the Bighorn Canal at 420 cfs (gage height = 73.36 with +0.57 shift).

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

Maintain total release from the Afterbay at 2,420 cfs.

Special Note: At all times beginning at 0800 hour on Monday, May 14, 2012, the level of the Afterbay must be maintained between the elevations 3186-3190 to accomplish the work above.

/S/ Tim H. Felchle