



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

December 5, 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. 12-12**

CURRENT RESERVOIR CONDITIONS

Elevation: 3635.10 Storage: 962,723 acre-feet; River Release: 3,130 cfs; Inflow: 2,175 cfs;

GENERAL COMMENTS:

The Contractor working on the refurbishment of the gates on the Yellowtail Afterbay Dam has requested a drawdown of the Afterbay Reservoir, to allow for installation of a cofferdam on the spillway radial gates. To accommodate this work, the level of the Afterbay must be maintained no higher than elevation 3178.5 for approximately 2 days beginning at 0800 hour on December 20.

YELLOWTAIL TURBINE RELEASE:

During 0800 hour on Tuesday, December 20 through 0800 hour on Thursday, December 22, 2011:
Maintain average daily turbine release at 3,060 cfs (\approx 2,165 MW-Hrs/day using 33.9 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

During 0800 hour on Tuesday, December 20 through 0800 hour on Thursday, December 22, 2011:
Maintain diversions to the Bighorn Canal at 0 cfs (gage height = 68.50 with 0.00 shift).
Maintain river release at 3,130 cfs (gage height = 60.56 with -0.08 shift).
Maintain total release from the Afterbay at 3,130 cfs.

Special Note: Maintain the level of the Afterbay Reservoir no higher than elevation 3178.5 during 0800 hour on December 20 through 0800 hour on December 22, 2011 to allow for installation of cofferdam on the spillway radial gates.

/S/ Tim H. Felchle