



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

March 2, 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: Jim Staebler

From: Reservoir and River Operations, Billings, Montana

Subject: **Yellowtail Water Release Order - BHR No. 11-22**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3619.29 Storage: 824,043 acre-feet; River Release: 2,380 cfs; Inflow: 1,700 cfs;

GENERAL COMMENTS:

To allow divers to inspect the downstream side of the sluice gates, a 1-day outage on the Afterbay Dam sluice gates is scheduled for March 10, 2011. During this time, the level of the Afterbay must be maintained no lower than elevation 3183 to sufficiently release the required flow to the Bighorn River. As a result, the following operation is required at Yellowtail Dam and Powerplant and the Afterbay Dam.

YELLOWTAIL TURBINE RELEASE:

During the hours of 0700 hour through 1700 hours on Thursday, March 10, 2011:

Maintain average daily turbine release at 2,300 cfs ($\approx 1,461$ MW-Hrs/day using 38.0 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

During the hours of 0700 hour through 1700 hours on Thursday, March 10, 2011:

Maintain diversions to the Bighorn Canal at 0 cfs.

Maintain river release at 2,370 cfs (gage height = 59.96 with -0.06 shift).

Maintain total release from the Afterbay at 2,370 cfs.

/S/ Tim H. Felchle