



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

November 21, 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. 12-10**

CURRENT RESERVOIR CONDITIONS

Elevation: 3636.92 Storage: 983,306 acre-feet; River Release: 3,130 cfs; Inflow: 2,530 cfs;

GENERAL COMMENTS:

To allow for plant Optimization/AGC and an upgrade to the SCADA system, each Unit of the 4 Units at the Yellowtail Powerplant will be unavailable, one at a time, during December 5-16, for the logic uploads and the functional testing of the emergency shutdown functions. During this time, turbine releases will be limited and restricted to 3-unit capacity.

YELLOWTAIL TURBINE RELEASE:

Each day during 0700-1730 hour, Monday through Friday, December 5-16, 2011:

Maintain average daily turbine release at 3,060 cfs (\approx 2,210 MW-Hrs/day using 33.2 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

Each day during 0700-1730 hour, Monday through Friday, December 5-16, 2011:

Maintain diversions to the Bighorn Canal at 0 cfs (gage height = 69.32 with -0.82 shift).

Maintain river release at 3,130 cfs (decrease gage height to 60.69 & use new shift of -0.21).

Maintain total release from the Afterbay at 3,130 cfs.

/S/ Tim H. Felchle