



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

September 17, 2014

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-6040
Assistant Superintendent, National Park Service, Lovell, Wyoming
Attention: Valerie Newman

From: Reservoir and River Operations, Billings, Montana /s/ Clayton R. Jordan

Subject: **Yellowtail Water Release Order - BHR No. 14-89**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3641.72; Storage: 1,042,768 acre-feet; River Release: 3,900 cfs; Inflow: 4,450 cfs;

GENERAL COMMENTS:

Annual Yellowtail Afterbay radial gate maintenance and spillway tunnel and hollow jet discharge area inspections are scheduled for September 23 and 24, 2014. The Yellowtail Afterbay Reservoir level must be maintained below 3178.5 feet during 0800 hour on Tuesday, September 23 through 1700 hour on Wednesday, September 24, 2014. In response, the following operations are required at Yellowtail Dam and Powerplant and Yellowtail Afterbay Dam.

YELLOWTAIL TURBINE RELEASE:

During 0800 hour on Tuesday, September 23 through 1700 hour on Wednesday, September 24, 2014:
Maintain average daily turbine release at 4,055 cfs (\approx 3,244 MW-Hours/day using 30.0 cfs/mw).

Due to major unit re-wind project, restrict and limit turbine release to 3-unit capacity.

AFTERBAY RELEASE AND OPERATION:

During 0800 hour on Tuesday, September 23 through 1700 hour on Wednesday, September 24, 2014:
*Maintain diversion to the Bighorn Canal at 225 cfs (gauge height = 73.12 with a -1.23 shift).
Maintain river release at 3,900 cfs (gauge height = 62.21 with a -1.21 shift).
Maintain total release from the Afterbay at 4,125 cfs.*

SPECIAL OPERATIONS:

During 0800 hour on Tuesday, September 23 through 1700 hour on Wednesday, September 24, 2014:
Maintain the Yellowtail Afterbay Reservoir at or below elevation 3178.5 feet.