



United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office



IN REPLY REFER TO:

MT-450

P.O. Box 30137

Billings, Montana 59107-0137

June 11, 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. 11-57**

CURRENT RESERVOIR CONDITIONS (June 11, 2011; 10:00 a.m.)

Elevation: 3633.19 Storage: 942,344 acre-feet; River Release: 15,500 cfs; Inflow: 19,800 cfs;

GENERAL COMMENTS:

Western Area Power Administration reported power generation can be increased but restricted to comply with transmission restrictions on the Yellowtail south transmission system. In response, the following operation change is required at Yellowtail Dam and Powerplant to control reservoir storage and continue preparing for the anticipated snowmelt runoff.

YELLOWTAIL TURBINE RELEASE:

At 0700 hour on Monday, June 13, 2011:

Increase average daily turbine release to 6,430 cfs (\approx 4,920 MW-Hrs/day using 31.4 cfs/mw).

YELLOWTAIL BYPASS RELEASE:

At 0700 hour on Monday, June 13, 2011:

Decrease releases through the spillway gates to 9,000 cfs.

AFTERBAY RELEASE AND OPERATION:

At 0700 hour on Monday, June 13, 2011:

Maintain diversions to the bighorn Canal at 0 cfs.

Maintain river release at 15,500 cfs (gage height = 65.53 with 0.0 shift).

Maintain total release from the Afterbay at 15,500 cfs.

SPECIAL AFTERBAY OPERATION REQUIREMENT:

Maintain the level of the Afterbay at or above elevation 3187.5 until further notice. It is also extremely important to maintain the river stage within +/- 0.06 feet of the river stage set point value .

/S/ Tim H. Felchle