



IN REPLY REFER TO: MT-450

United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



June 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: Valerie Newman

From: Reservoir and River Operations, Billings, Montana

Subject: **Yellowtail Water Release Order - BHR No. 11-50**

CURRENT RESERVOIR CONDITIONS (June 2, 2011: 6:00 a.m.)

Elevation: 3632.35 Storage: 933,813 acre-feet; River Release: 12,000 cfs; Inflow: 14,700 cfs;

GENERAL COMMENTS:

Streamflows downstream of Yellowtail Dam continue to recede. To control reservoir storage and continue preparing for the anticipated snowmelt runoff, the following operation change is required at Yellowtail Dam and Powerplant.

YELLOWTAIL TURBINE RELEASE:

At 0730 hour on Thursday, June 2, 2011:

Maintain average daily turbine release at 5,750 cfs (\approx 4,395 MW-Hrs/day using 31.4 cfs/mw).

YELLOWTAIL BYPASS RELEASE:

At 0730 hour on Thursday, June 2, 2011:

Increase releases through the spillway gates to 6,880 cfs.

AFTERBAY RELEASE AND OPERATION:

At 0730 hour on Thursday, June 2, 2011:

Maintain diversions to the bighorn Canal at 0 cfs.

Increase river release to 12,700 cfs (gage height = 64.90 with -0.12 shift).

Increase total release from the Afterbay to 12,700 cfs.

SPECIAL AFTERBAY OPERATION REQUIREMENT:

Maintain the level of the Afterbay at or above elevation 3185.5 until further notice.

/S/ Tim H. Felchle