



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



September 14, 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. 11-92**

CURRENT RESERVOIR CONDITIONS (September 14, 2011; 11:00 a.m.)

Elevation: 3641.06 Storage: 1,034,126 acre-feet; River Release: 3,800 cfs; Inflow: 2,800 cfs;

GENERAL COMMENTS:

Inspection and maintenance is scheduled on the Yellowtail Dam spillway tunnel and spillway stilling basin for September 14-October 5, 2011. To allow for this inspection and maintenance work, the level of the Afterbay must be maintained no higher than elevation 3190 at all times. In response, the following operation changes are required at Yellowtail Dam and Powerplant.

YELLOWTAIL TURBINE RELEASE:

At 1600 hour on Thursday, September 15, 2011:

Decrease average daily turbine release to 3,680 cfs (\approx 2,760 MW-Hrs/day using 32.0 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1600 hour on Thursday, September 15, 2011:

Decrease diversions to the Bighorn Canal to 250 cfs (gage height = 73.48 with -0.82 shift).

Decrease river release to 3,500 cfs (gage height = 61.55 with -0.81 shift).

Decrease total release from the Afterbay to 3,750 cfs.

SPECIAL AFTERBAY OPERATION REQUIREMENT:

During 0700 hour, Wednesday, September 14 through 1700 hour, Wednesday, October 5, 2011:

Maintain the level of the Afterbay no lower than elevation 3183.5 and no higher than elevation 3190 during the maintenance work.

/S/ Tim H. Felchle