



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 26, 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. 11-99**

CURRENT RESERVOIR CONDITIONS (September 26, 2011; 13:00 p.m.)

Elevation: 3640.57 Storage: 1,027,811 acre-feet; River Release: 3,500 cfs; Inflow: 3,175 cfs;

GENERAL COMMENTS:

With the 2011 irrigation season coming to a close, the BIA has requested all diversions to the Bighorn Canal be discontinued on September 26, 2011. In response, the following operation change is required at Yellowtail Dam and Powerplant.

YELLOWTAIL TURBINE RELEASE:

At 1500 hour on Monday, September 26, 2011:

Decrease average daily turbine release to 3,430 cfs ($\approx 2,420$ MW-Hrs/day using 34.0 cfs/mw).

AFTERBAY RELEASE AND OPERATION:

At 1500 hour on Monday, September 26, 2011:

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

Maintain river release at 3,500 cfs (gage height = 61.79 with -1.05).

Decrease total release from the Afterbay to 3,500 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 higher than elevation 3190 during the inspection and maintenance work on the spillway tunnel and stilling basin.

/S/ Tim H. Felchle