



# 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

October 15, 2010

## **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: Jim Staebler

From: Reservoir and River Operations, Billings, Montana

Subject: **Yellowtail Water Release Order - BHR No. 11-07**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3628.37 Storage: 944,144 acre-feet; River Release: 2,370 cfs; Inflow: 2,445 cfs;

### **GENERAL COMMENTS:**

Recent streamflow measurements conducted on the Bighorn River on October 14-15, indicate actual river flows are higher than anticipated. To adjust for the variation in flows, the following operation is required at Yellowtail Dam, Powerplant, and Afterbay.

### **YELLOWTAIL TURBINE RELEASE:**

**At 0700 hour on Saturday, October 16, 2010:**

*Maintain average daily turbine release at 2,300 cfs ( $\approx 1,630$  MW-Hrs/day using 33.9 cfs/mw).*

### **AFTERBAY RELEASE AND OPERATION:**

**At 0700 hour on Saturday, October 16, 2010:**

*Maintain diversions to the Bighorn Canal at 0 cfs.*

*Maintain river release at 2,370 cfs (decrease gage height to 61.40 & apply new shift of -1.50).*

*Maintain total release from the Afterbay at 2,370 cfs.*

/S/ Tim H. Felchle