



# 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

June 4, 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. 11-53 (Revision)**

### **CURRENT RESERVOIR CONDITIONS (June 4, 2011: 8:00 a.m.)**

Elevation: 3631.98 Storage: 930,136 acre-feet; River Release: 14,500 cfs; Inflow: 12,900 cfs;

### **GENERAL COMMENTS:**

Based on the June 1 water supply forecast, 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 1100 hour on Saturday, June 4, 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 1100 hour on Saturday, June 4, 2011:**

*Increase releases through the spillway gates to 9,180 cfs.*

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

**At 1100 hour on Saturday, June 4, 2011:**

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

*Increase river release to 15,000 cfs (gage height = 65.39 with 0.0 shift).*

*Increase total release from the Afterbay to 15,000 cfs.*

### **SPECIAL AFTERBAY OPERATION REQUIREMENT:**

**Maintain the level of the Afterbay at or above elevation 3187.4 until further notice.**

/S/ Tim H. Felchle