



# 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

May 15, 2012

## **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. 12-32**

### **CURRENT RESERVOIR CONDITIONS**

Elevation: 3615.21 Storage: 795,976 acre-feet; River Release: 2,000 cfs; Inflow: 2,565 cfs;

### **GENERAL COMMENTS:**

To meet increased irrigation demands, the BIA requested an increase in diversions to the Bighorn Canal. In response, the following operation is required at Yellowtail Dam and Powerplant.

### **YELLOWTAIL TURBINE RELEASE:**

**At 0900 hour on Tuesday, May 15, 2012:**

*Increase average daily turbine release to 2,400 cfs ( $\approx 1,190$  MW-Hrs/day using 48.4 cfs/mw).*

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

**At 0900 hour on Tuesday, May 15, 2012:**

*Increase diversions to the Bighorn Canal to 470 cfs (gage height = 73.68 with +0.57 shift).*

*Maintain river release at 2,000 cfs (gage height = 59.72 with -0.14 shift).*

*Increase total release from the Afterbay to 2,470 cfs.*

**Special Note: To accomplish ongoing contract work on the Afterbay Dam sluice gates and sluice gate water way, the level of the Afterbay must be maintained between the elevations 3186-3190 at all times.**

/S/ Tim H. Felchle