



# 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

April 19, 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. 11-32**

### **CURRENT RESERVOIR CONDITIONS**

Elevation: 3622.17 Storage: 845,608 acre-feet; River Release: 6,250 cfs; Inflow: 4,530 cfs;

### **GENERAL COMMENTS:**

Yellowtail Field Office staff has reported that maintenance on the Afterbay Dam sluiceway gates is expected to be completed near 0800 hour on Tuesday, April 19, 2011. When the maintenance is completed Yellowtail Field Office staff will contact the Casper Control Center and notify them of the completion. At that time, the sluiceway gates will return to service and the minimum level of the Afterbay Reservoir will be reduced and restricted to no lower than elevation 3184 to release the proper mixture of flow through the Afterbay Dam radial spill gates.

### **YELLOWTAIL TURBINE RELEASE:**

**Tuesday, April 19, 2011:**

*Maintain average daily turbine release at 6,180 cfs ( $\approx$  4,770 MW-Hrs/day using 31.1 cfs/mw).*

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

**Tuesday, April 19, 2011:**

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

*Maintain river release at 6,250 cfs (gage height = 62.38 with -0.12 shift).*

*Maintain total release from the Afterbay at 6,250 cfs.*

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

*Maintain the level of the Afterbay at or above elevation 3184 until further notice.*

/S/ Tim H. Felchle