



# 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

September 29, 2014

## **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-6040  
Assistant Superintendent, National Park Service, Lovell, Wyoming  
Attention: Valerie Newman

From: Reservoir and River Operations, Billings, Montana /s/ Clayton R. Jordan

Subject: **Yellowtail Water Release Order - BHR No. 14-92**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3640.41; Storage: 1,025,766 acre-feet; River Release: 4,500 cfs; Inflow: 3,000 cfs;

### **GENERAL COMMENTS:**

Maintenance will be performed on one of the Afterbay Dam sluice gates. To allow for the maintenance, all water released out of the Afterbay to the Bighorn River will be released through the Afterbay spillway radial gates. To allow for the water to be released to the river through the spillway radial gates, the level of the Yellowtail Afterbay Reservoir must be maintained between elevations 3186.0-3190.0 feet. In response, the following operations are required at Yellowtail Dam and Powerplant and Yellowtail Afterbay Dam.

### **YELLOWTAIL BYPASS RELEASE:**

**During 1200 hour on Monday, September 29, 2014 through 1700 hour on Tuesday, September 30, 2014:**

*Maintain release through the river outlet works at 940 cfs.*

### **YELLOWTAIL TURBINE RELEASE:**

**During 1200 hour on Monday, September 29, 2014 through 1700 hour on Tuesday, September 30, 2014:**

*Maintain average daily turbine release at 3,490 cfs ( $\approx$  3,265 MW-Hours/day using 25.7 cfs/mw).*

***Due to major unit re-wind project, restrict and limit turbine release to 3-unit capacity.***

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

**During 1200 hour on Monday, September 29, 2014 through 1700 hour on Tuesday, September 30, 2014:**

*Maintain diversion to the Bighorn Canal at 0.*

*Maintain river release at 4,500 cfs (gage height = 62.57 with -1.21 shift).*

*Maintain total release from the Afterbay at 4,500 cfs.*

### **SPECIAL OPERATIONS:**

**During 1200 hour on Monday, September 29, 2014 through 1700 hour on Tuesday, September 30, 2014:**

*Maintain the Yellowtail Afterbay Reservoir between elevation 3186.0-3190.0 feet.*