



# 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 7, 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. 14-40**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3602.66; Storage: 723,829 acre-feet; River Release: 7,500 cfs; Inflow: 7,690 cfs;

### **GENERAL COMMENTS:**

The BIA canceled the startup of the Bighorn Canal. This water order cancels Yellowtail Water Release Order BHR No. 14-39.

**SPECIAL NOTE: To provide the proper mixing of water releases to the Bighorn River in attempt to minimize PSAT levels, it is desirable to maintain the Yellowtail Afterbay Reservoir at or above elevation 3185.0 feet and provide a mixing flow of approximately 85% through the spillway gates and 15% through the sluice gates, plus or minus 5%.**

### **YELLOWTAIL TURBINE RELEASE:**

**At 0800 hour on Wednesday, May 7, 2014:**

*Maintain average daily turbine release at 7,430 cfs ( $\approx$  5,420 MW-Hours/day using 32.9 cfs/mw).*

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

**At 0800 hour on Wednesday, May 7, 2014:**

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

*Maintain river release at 7,500 cfs (maintain the gage height at 62.63 with a +0.18 shift).*

*Maintain total release from the Afterbay at 7,500 cfs.*