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# United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



November 4, 2010

## **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, Helena, Montana  
Attention: MT-682, MT669  
Project Manager, Mills, Wyoming  
Attention: WY-4000, WY-4100, WY-6400  
PPL Energy Plus, LLC, Butte, Montana  
Attention: Resource Coordinator, Lance Elias

From: Reservoir and River Operations, Billings, Montana

Subject: **Canyon Ferry Water Release Order - CFR No. 11-07**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3792.31; Storage: 1,737,907 acre-feet; River Release: 4,600 cfs; Inflow: 3,945 cfs;

### **GENERAL COMMENTS:**

The water supply forecast prepared in November, indicates releases to the Missouri River should be increased to continue evacuating storage as planned. Annual maintenance is also scheduled on Unit No. 1 of the Canyon Ferry powerplant, limiting and restricting turbine releases to 2-unit load. In response, the following operation changes are required at Canyon Ferry Dam and Powerplant.

### **CANYON FERRY RELEASES AND OPERATIONS:** All times are Mountain Daylight Savings Time (MDST)

#### **At 0100 hour on Friday, November 5, 2010:**

*Maintain releases through the river outlet gates at 0 cfs.  
Maintain releases through the spillway gates at 0 cfs.  
Increase turbine releases to 5,000 cfs ( $\approx 1,285$  MW-Hrs/day using 93.5 cfs/mw).  
Maintain releases for Helena Valley Project at 0 cfs.  
Increase average daily release to the Missouri River to 5,000 cfs.  
Increase average total release from Canyon Ferry to 5,000 cfs.*

#### **During 0800 hour on Monday, November 8 through 1630 hour on Thursday, November 18, 2010:**

*Initiate and maintain releases through the river outlet gates at 1,425 cfs.  
Maintain releases through the spillway gates at 0 cfs.  
Decrease turbine releases to 3,575 cfs ( $\approx 920$  MW-Hrs/day using 93.5 cfs/mw).  
Maintain releases for Helena Valley Project at 0 cfs.  
Maintain average daily release to the Missouri River at 5,000 cfs.  
Maintain average total release from Canyon Ferry at 5,000 cfs.*

**At 1630 hour on Thursday, November 18, 2010:**

*Decrease releases through the river outlet gates to 0 cfs.*

*Maintain releases through the spillway gates at 0 cfs.*

*Increase turbine releases to 5,000 cfs ( $\approx 1,285$  MW-Hrs/day using 93.5 cfs/mw).*

*Maintain releases for Helena Valley Project at 0 cfs.*

*Maintain average daily release to the Missouri River at 5,000 cfs.*

*Maintain average total release from Canyon Ferry at 5,000 cfs.*

**Special Note: During 0830 hour on Monday November 15 through 1600 hour on Wednesday, November 17, 2010 an outage is scheduled on KA1 to perform maintenance.**

/S/ Tim H. Felchle