



# 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

October 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. 11-02**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3793.04; Storage: 1,761,589 acre-feet; River Release: 3,850 cfs; Inflow: 3,035 cfs;

### **GENERAL COMMENTS:**

In regards to the underwater inspection scheduled at Canyon Ferry dam and powerplant intake structures on October 6, PPL-MT requested a increase of at least 2,500 during this time to minimize the draft on Hauser while maintaining river flows in the Missouri River at or above 4,100 cfs. To prevent releasing more than 2,000 cfs through the river outlet gates, Water Release Order CFR No. 11-01 is revised as follows. Immediately following the underwater inspections, releases to the Missouri River will be increased by 500 cfs to continue evacuating storage as planned

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

#### **During 0900-1500 hour on Wednesday, October 6, 2010:**

*Maintain releases through the river outlet gates at 0 cfs.  
Increase releases through the spillway gates to 2,500 cfs.  
Decrease turbine releases to 0 cfs ( $\approx 0$  MW-Hrs/day using 96.0 cfs/mw).  
Maintain releases for Helena Valley Project at 0 cfs.  
Decrease average daily release to the Missouri River to 2,500 cfs.  
Decrease average total release from Canyon Ferry to 2,500 cfs.*

#### **During 1500-2100 hour on Wednesday, October 6, 2010:**

*Maintain releases through the river outlet gates at 0 cfs.  
Decrease releases through the spillway gates to 0 cfs.  
Increase turbine release to 4,900 cfs ( $\approx 1,225$  MW-Hrs/day using 96.0 cfs/mw).  
Maintain releases for Helena Valley Project at 0 cfs.  
Increase average daily release to the Missouri River to 4,900 cfs.  
Increase average total release from Canyon Ferry to 4,900 cfs.*

#### **At 2100 hour on Wednesday, October 6, 2010:**

*Maintain releases through the river outlet gates at 0 cfs.  
Maintain releases through the spillway gates at 0 cfs.  
Decrease turbine releases to 4,200 cfs ( $\approx 1,050$  MW-Hrs/day using 96.0 cfs/mw).  
Maintain releases for Helena Valley Project at 0 cfs.  
Decrease average daily release to the Missouri River to 4,200 cfs.  
Decrease average total release from Canyon Ferry to 4,200 cfs.*

/S/ Tim H. Felchle