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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



June 24, 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, 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. 11-34**

### **CURRENT RESERVOIR CONDITIONS:** (June 24, 2011: 06:00a.m.)

Elevation: 3797.50; Storage: 1,908,590 acre-feet; River Release: 18,100 cfs; Inflow: 24,300 cfs;

### **GENERAL COMMENTS:**

Warmer temperatures are causing inflows into Canyon Ferry to continue increasing over 24,300 cfs. Storage has reached the top of the joint-use pool and continues to increase into the exclusive flood pool. To control storage and continue preparing for the remaining snowmelt runoff, 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 0900 hour on Friday, June 24, 2011:**

*Maintain releases through the river outlet gates at 0 cfs.  
Increase releases through the spillway gates to 14,525 cfs.  
Maintain turbine releases at  $\approx 5,000$  cfs ( $\approx 1,305$  MW-Hrs/day using 91.8 cfs/mw).  
Maintain releases for Helena Valley Project at 475 cfs (225 cfs pumped to Helena Valley and 250 cfs discharged to the Missouri River).  
Increase average daily release to the Missouri River to 19,775 cfs.  
Increase average total release from Canyon Ferry to 20,000 cfs.*

#### **At 1000 hour on Tuesday, June 28, 2011:**

*Maintain releases through the river outlet gates at 0 cfs.  
Maintain releases through the spillway gates at 14,525 cfs.  
Maintain turbine releases at  $\approx 5,000$  cfs ( $\approx 1,305$  MW-Hrs/day using 91.8 cfs/mw).  
Increase releases for Helena Valley Project to 650 cfs (300 cfs pumped to Helena Valley and 350 cfs discharged to the Missouri River).  
Increase average daily release to the Missouri River to 19,875 cfs.  
Increase average total release from Canyon Ferry to 20,175 cfs.*

/S/ Tim H. Felchle