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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



May 11, 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. 11-18**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3778.95; Storage: 1,329,355 acre-feet; River Release: 9,470 cfs; Inflow: 9,340 cfs;

### **GENERAL COMMENTS:**

Snowpack in the Missouri River Basin remains over 150% of average. A strong spring storm during May 7-10 system produced significant precipitation in the upper Missouri River Basin, causing many streamflows to increase significantly. Inflows into Canyon Ferry are approaching 10,000 cfs and the NWS is forecasting them to continue increasing over the next several days. In preparation for the anticipated spring runoff, releases out of Canyon Ferry Dam will be increased as follows.

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

#### **At 1000 hour on Wednesday, May 11, 2011:**

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

*Increase releases through the spillway gates to 4,775 cfs.*

*Maintain turbine releases at  $\approx$  5,910 cfs ( $\approx$  1,284 MW-Hrs/day using 110.5 cfs/mw).*

*Maintain releases for Helena Valley Project at 315 cfs (150 cfs pumped to Helena Valley and 165 cfs discharged to the Missouri River).*

*Increase average daily release to the Missouri River to 10,850 cfs.*

*Increase average total release from Canyon Ferry to 11,000 cfs.*

#### **At 1000 hour on Thursday, May 12, 2011:**

*Maintain releases through the river outlet gates at 0 cfs.*

*Increase releases through the spillway gates to 5,775 cfs.*

*Maintain turbine releases at  $\approx$  5,910 cfs ( $\approx$  1,284 MW-Hrs/day using 110.5 cfs/mw).*

*Maintain releases for Helena Valley Project at 315 cfs (150 cfs pumped to Helena Valley and 165 cfs discharged to the Missouri River).*

*Increase average daily release to the Missouri River to 11,850 cfs.*

*Increase average total release from Canyon Ferry to 12,000 cfs.*

/S/ Tim H. Felchle