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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



December 12, 2007

## **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. 08-06**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3784.23; Storage: 1,483,282 acre-feet; River Release: 3,580 cfs; Inflow: 2,660 cfs;

### **GENERAL COMMENTS:**

It has been observed that the 2-unit capacity at Canyon Ferry is limited to about 37 MW's or 3,800 cfs during the ongoing maintenance on the Canyon Ferry Powerplant. In response, the following operation change is required, limiting and restricting turbine releases to 2-unit capacity of about 3,800 cfs.

### **CANYON FERRY RELEASES AND OPERATIONS:** All times are Mountain Standard Time (MST)

#### **At 0100 hour on Wednesday, December 12, 2007:**

*Maintain releases through the river outlet gates at 0 cfs.  
Maintain releases through the spillway gates at 0 cfs.  
Increase turbine releases to 3,800 cfs ( $\approx$  912 MW-Hrs/day using 100.0 cfs/mw).  
Maintain release for Helena Valley Project at 0 cfs.  
Increase average daily release to the Missouri River to about 3,800 cfs.  
Increase average total release from Canyon Ferry to about 3,800 cfs.*

#### **At 0100 hour on Saturday, December 15, 2007:**

*Maintain releases through the river outlet gates at 0 cfs.  
Maintain releases through the spillway gates at 0 cfs.  
Decrease turbine releases to 3,600 cfs ( $\approx$  864 MW-Hrs/day using 100.0 cfs/mw).  
Maintain release for Helena Valley Project at 0 cfs.  
Decrease average daily release to the Missouri River to about 3,600 cfs.  
Decrease average total release from Canyon Ferry to about 3,600 cfs.*

**At 0100 hour on Sunday, December 16, 2007:**

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

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

*Decrease turbine releases to 3,100 cfs ( $\approx$  744 MW-Hrs/day using 100.0 cfs/mw).*

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

*Decrease average daily release to the Missouri River to about 3,100 cfs.*

*Decrease average total release from Canyon Ferry to about 3,100 cfs.*

/S/ Tim H. Felchle