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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 8, 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. 07-12**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3789.39; Storage: 1,644,166 acre-feet; River Release: 3,640 cfs; Inflow: 6,930 cfs;

### **GENERAL COMMENTS:**

Based on the May 1 water supply outlook, releases to the Missouri River need to be maintained at about 3,500 cfs to better assure Canyon Ferry Reservoir of filling to the top of the joint-use pool. Also, a maintenance outage is scheduled on Unit No. 3 to allow for inspection of the buss work in the electrical panel. 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)

#### **During 1000-1200 hour on Tuesday, May 8, 2007:**

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

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

*Maintain turbine releases at 3,385 cfs ( $\approx$  837 MW-Hrs/day using 97.0 cfs/mw).*

*Maintain releases for Helena Vally Project at 550 cfs (240 cfs pumped to Helena Valley and 310 cfs discharged to the Missouri River).*

*Maintain average daily release to the Missouri River at about 3,695 cfs.*

*Maintain average total release from Canyon Ferry at about 3,935 cfs.*

**Note: Turbine releases will be restricted to 2-unit capacity during maintenance inspection.**

#### **At 0100 hour on Wednesday, May 10, 2007:**

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

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

*Decrease turbine releases to 3,230 cfs ( $\approx$  829 MW-Hrs/day using 98.0 cfs/mw).*

*Maintain releases for Helena Vally Project at 515 cfs (245 cfs pumped to Helena Valley and 270 cfs discharged to the Missouri River).*

*Decrease average daily release to the Missouri River to about 3,500 cfs.*

*Decrease average total release from Canyon Ferry to about 3,745 cfs.*

/S/ Tim H. Felchle