



# 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

May 10, 2012

## **FAXOGRAM: Water Order Change**

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota  
Attention: F-6300  
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado  
Attention: J-4120  
Facilities Manager, Helena, Montana  
Attention: MT-800, MT-810, MT-831  
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. 12-23**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3789.28; Storage: 1,640,670 acre-feet; River Release: 5,445 cfs; Inflow: 5,950 cfs;

### **GENERAL COMMENTS:**

Inflows into Canyon Ferry have dropped to less than 6,000 cfs. Based on the May water supply outlook and assure the reservoir of filling, the following operation change is required at Canyon Ferry Dam & Powerplant. With the ongoing maintenance and replacement of the excitation system on Unit No. 3, turbine releases are still being restricted and limited to 2-unit capacity through May 24. Immediately following the completion of maintenance on Unit No. 3, similar maintenance will be required on Unit No. 2, further restricting and limiting turbine releases to 2-unit capacity.

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

#### **At 1400 hour on Thursday, May 10, 2012:**

*Decrease releases through the river outlet gates to 1,200 cfs.*

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

*Maintain turbine releases at  $\approx$  3,500 cfs ( $\approx$  860 MW-Hrs/day using 97.6 cfs/mw).*

*Maintain releases for Helena Valley Project at 700 cfs (345 cfs pumped to Helena Valley and 355 cfs discharged to the Missouri River).*

*Decrease release to the Missouri River to 5,055 cfs.*

*Decrease total release from Canyon Ferry to 5,400 cfs.*

/S/ Tim H. Felchle