



IN REPLY REFER TO: MT-450

# United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



March 20, 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. 12-16**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3785.87; Storage: 1,533,548 acre-feet; River Release: 4,920 cfs; Inflow: 5,850 cfs;

### **GENERAL COMMENTS:**

Recent spring storms have moved across Montana, causing mountain snowpack to increase to near average in the Missouri River Basin. Based on recent forecasts, releases out of Canyon Ferry will be increased in preparation for the anticipated spring snowmelt. 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 during March 20-April 20. In response, the following operation change is required at Canyon Ferry Dam and Powerplant.

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

#### **At 0900 hour on Tuesday, March 20, 2012:**

*Increase releases through the river outlet gates to  $\approx$  2,000 cfs.*

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

*Increase turbine releases to  $\approx$  3,400 cfs ( $\approx$  825 MW-Hrs/day using 98.7 cfs/mw).*

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

*Increase release to the Missouri River to 5,400 cfs.*

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

**Special Note: Immediately following completion of the maintenance outage on April 20, turbine releases will be increased and maintained at near full powerplant capacity of 5,500 cfs (1,335 MW-Hrs/day using 98.7 cfs/mw) and flows through the river outlet gates will be discontinued.**

/S/ Tim H. Felchle