



# 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

April 9, 2014

## **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, Deb Mallowney

From: Reservoir and River Operations, Billings, Montana /S/ Tim H. Felchle

Subject: **Canyon Ferry Water Release Order - CFR No. 14-16**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3780.34; Storage: 1,368,676 acre-feet; River Release: 6,880 cfs; Inflow: 4,150 cfs;

### **GENERAL COMMENTS:**

Helena Valley Irrigation District (HVID) has requested an increase in diversions to Helena Valley Reservoir. In addition, turbine releases are slightly less than full capacity and will be increased to full capacity of about 220 cfs more. In response and to continue evacuating storage as planned, the following operation changes are required at Canyon Ferry Dam and Powerplant.

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

#### **At 0900 Friday, April 11, 2014:**

*Maintain releases through the river outlet gates at 1,000 cfs.*

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

*Increase turbine release to  $\approx 5,955$  cfs ( $\approx 1,323$  MW-Hrs/day using 108.0 cfs/mw).*

*Increase release for Helena Valley Project to 460 cfs (200 cfs pumped to Helena Valley and 260 cfs discharged to the Missouri River).*

*Increase release to the Missouri River to 7,215 cfs.*

*Increase total release from Canyon Ferry to 7,415 cfs.*

#### **At 0900 Monday, April 14, 2014:**

*Maintain releases through the river outlet gates at 1,000 cfs.*

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

*Maintain turbine release at  $\approx 5,955$  cfs ( $\approx 1,323$  MW-Hrs/day using 108.0 cfs/mw).*

*Increase release for Helena Valley Project to 680 cfs (300 cfs pumped to Helena Valley and 380 cfs discharged to the Missouri River).*

*Increase release to the Missouri River to 7,335 cfs.*

*Increase total release from Canyon Ferry to 7,635 cfs.*