



# 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

January 15, 2015

## **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  
Northwestern Energy, Butte, Montana  
Attention: Resource Coordinator, Deb Mallowney

From: Reservoir and River Operations, Billings, Montana /S/ Clayton R. Jordan

Subject: **Canyon Ferry Water Release Order - CFR No. 15-05**

### **CURRENT RESERVOIR CONDITIONS:**

Elevation: 3787.14; Storage: 1,573,059 acre-feet; River Release: 5,000 cfs; Inflow: 4,370 cfs;

### **GENERAL COMMENTS:**

The Canyon Ferry Powerplant will be at three unit capacity starting at 1700 hour on Thursday, January 15, 2015, as Unit No. 1 of Canyon Ferry Powerplant will be available. The Canyon Ferry Powerplant will be limited to two units during 0800 hour on Monday, January 26, 2015, through 1630 hour on Thursday, January 29, 2015, for governor alignment on each unit. In response, the following operation changes are required at Canyon Ferry Dam and Powerplant.

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

#### **At 1700 hour on Thursday, January 15, 2015:**

*Decrease releases through the river outlet gates to 0 cfs.  
Maintain releases through the spillway gates at 0 cfs.  
Increase turbine release to  $\approx 4,700$  cfs ( $\approx 1,122$  MW-Hrs/day using 100.5 cfs/mw).  
Maintain release for Helena Valley Project at 0 cfs.  
Maintain release to the Missouri River at 4,700 cfs.  
Maintain total release from Canyon Ferry at 4,700 cfs.*

#### **During 0800 hour on Monday, January 26, 2015 through 1630 hour on Thursday, January 29, 2015:**

*Increase releases through the river outlet gates to 1,080 cfs.  
Maintain releases through the spillway gates at 0 cfs.  
Decrease turbine release to  $\approx 3,620$  cfs ( $\approx 864$  MW-Hrs/day using 100.5 cfs/mw).  
Maintain release for Helena Valley Project at 0 cfs.  
Maintain release to the Missouri River at 4,700 cfs.  
Maintain total release from Canyon Ferry at 4,700 cfs.*

**Special Note:** On January 26, adjust releases through turbines to near full powerplant capacity (approximately 18.0 MW per unit). If turbine capacity is more or less than shown above, it may be necessary to increase or decrease releases through the river outlet gates #1 and #2 to maintain a total release of 4,700 cfs out of Canyon Ferry.