



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

March 10, 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. 14-12**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3783.70 Storage: 1,467,274 acre-feet; River Release: 3,770 cfs; Inflow: 6,650 cfs;

GENERAL COMMENTS:

Unseasonably warm weather is quickly melting the low elevation snow causing inflows into Canyon Ferry to increase considerably to over 7,700 cfs. As a result, storage is slowly refilling. To continue evacuating storage as planned in preparation for the snowmelt runoff, releases will be increased. Due to scheduled maintenance on Unit #3, turbine releases will be restricted and limited to a 2-unit capacity. In response, the following operation changes are required at Canyon Ferry Dam and Powerplant.

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

At 1300 hour on Monday, March 10, 2014:

*Initiate and increase releases through the river outlet gates to 650 cfs.
Maintain releases through the spillway gates at 0 cfs.
Maintain turbine release at $\approx 3,850$ cfs (≈ 860 MW-Hrs/day using 107.5 cfs/mw).
Maintain release for Helena Valley Project at 0 cfs.
Increase release to the Missouri River to 4,500 cfs.
Increase total release from Canyon Ferry to 4,500 cfs.*

At 800 hour on Tuesday, March 11, 2014:

*Increase releases through the river outlet gates to 1,150 cfs.
Maintain releases through the spillway gates at 0 cfs.
Maintain turbine release at $\approx 3,850$ cfs (≈ 860 MW-Hrs/day using 107.5 cfs/mw).
Maintain release for Helena Valley Project at 0 cfs.
Increase release to the Missouri River to 5,000 cfs.
Increase total release from Canyon Ferry to 5,000 cfs.*

At 0800 hour on Wednesday, March 12, 2014:

*Increase releases through the river outlet gates to 1,650 cfs.
Maintain releases through the spillway gates at 0 cfs.
Maintain turbine release at $\approx 3,850$ cfs (≈ 860 MW-Hrs/day using 107.5 cfs/mw).
Maintain release for Helena Valley Project at 0 cfs.
Increase release to the Missouri River to 5,500 cfs.
Increase total release from Canyon Ferry to 5,500 cfs.*