



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

September 22, 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/ Stephanie Micek

Subject: **Canyon Ferry Water Release Order - CFR No. 14-50**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3791.47; Storage: 1,710,776 acre-feet; River Release: 3,750 cfs; Inflow: 3,080 cfs;

GENERAL COMMENTS:

To allow for continual maintenance on the Units, turbine releases will be restricted and limited to 2-unit turbine capacity. In response, the following operation change is required at Canyon Ferry Dam and Powerplant.

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

During 0800 hour through 1700 hour on Tuesday, September 23, 2014:

Maintain releases through the river outlet gates at 0 cfs.

Maintain releases through the spillway gates at 0 cfs.

Maintain turbine release at $\approx 3,580$ cfs (≈ 950 MW-Hrs/day using 90.4 cfs/mw).

Maintain release for Helena Valley Project at 300 cfs (140 cfs pumped to Helena Valley and 160 cfs discharged to the Missouri River).

Maintain release to the Missouri River at 3,740 cfs.

Maintain total release from Canyon Ferry at 3,880 cfs.

During 0800 hour through 1700 hour on Wednesday, September 24, 2014:

Maintain releases through the river outlet gates at 0 cfs.

Maintain releases through the spillway gates at 0 cfs.

Maintain turbine release at $\approx 3,580$ cfs (≈ 950 MW-Hrs/day using 90.4 cfs/mw).

Maintain release for Helena Valley Project at 300 cfs (140 cfs pumped to Helena Valley and 160 cfs discharged to the Missouri River).

Maintain release to the Missouri River at 3,740 cfs.

Maintain total release from Canyon Ferry at 3,880 cfs.

Special Note: During 0800 hour through 1700 hour on Tuesday, September 23, 2014 and on Wednesday September 24, 2014, turbine releases will be restricted and limited to 2-unit turbine capacity.