



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

February 6, 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. 14-09**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3783.67 Storage: 1,466,371 acre-feet; River Release: 3,865 cfs; Inflow: 1,585 cfs;

GENERAL COMMENTS:

Temperatures are forecasted to return back to normal by early next week. Therefore, releases out of Canyon Ferry to the Missouri River will be gradually reduced to the previous flow of 2,900 cfs. 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 0800 hour on Sunday, February 9, 2014:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Decrease turbine release to $\approx 3,615$ cfs (≈ 875 MW-Hrs/day using 99.1 cfs/mw).
Maintain release for Helena Valley Project at 0 cfs.
Decrease release to the Missouri River to 3,615 cfs.
Decrease total release from Canyon Ferry to 3,615 cfs.*

At 0800 hour on Monday, February 10, 2014:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Decrease turbine release to $\approx 3,365$ cfs (≈ 815 MW-Hrs/day using 99.1 cfs/mw).
Maintain release for Helena Valley Project at 0 cfs.
Decrease release to the Missouri River to 3,365 cfs.
Decrease total release from Canyon Ferry to 3,365 cfs.*

At 0800 hour on Tuesday, February 11, 2014:

Maintain releases through the river outlet gates at 0 cfs.

Maintain releases through the spillway gates at 0 cfs.

Decrease turbine release to $\approx 3,115$ cfs (≈ 755 MW-Hrs/day using 99.1 cfs/mw).

Maintain release for Helena Valley Project at 0 cfs.

Decrease release to the Missouri River to 3,115 cfs.

Decrease total release from Canyon Ferry to 3,115 cfs.

At 0800 hour on Wednesday, February 12, 2014:

Maintain releases through the river outlet gates at 0 cfs.

Maintain releases through the spillway gates at 0 cfs.

Decrease turbine release to $\approx 2,900$ cfs (≈ 700 MW-Hrs/day using 99.1 cfs/mw).

Maintain release for Helena Valley Project at 0 cfs.

Decrease release to the Missouri River to 2,900 cfs.

Decrease total release from Canyon Ferry to 2,900 cfs.