



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

May 4, 2012

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, Lance Elias

From: Reservoir and River Operations, Billings, Montana

Subject: **Canyon Ferry Water Release Order - CFR No. 12-20**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3786.94; Storage: 1,629,862 acre-feet; River Release: 6,400 cfs; Inflow: 9,200 cfs;

GENERAL COMMENTS:

Helena Valley Irrigation District has reported mechanical problems on unit 2 of the Helena Valley pumping plant and has shut it down until repairs can be completed on Monday, May 7. In response the following operation change is required at Canyon Ferry Dam & Powerplant. With the ongoing maintenance and replacement of the excitation system on Unit No. 3, turbine releases are still being restricted and limited to 2-unit capacity through May 3. Immediately following the completion of maintenance on Unit No. 3, similar maintenance will be required on Unit No. 2, further restricting and limiting turbine releases to 2-unit capacity.

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

At 1530 hour on Friday, May 4, 2012:

Maintain releases through the river outlet gates at ≈ 0 cfs.

Maintain releases through the spillway gates at 2,345 cfs.

Maintain turbine releases at $\approx 3,500$ cfs (≈ 855 MW-Hrs/day using 98.2 cfs/mw).

Decrease releases for Helena Valley Project to 400 cfs (200 cfs pumped to Helena Valley and 200 cfs discharged to the Missouri River).

Decrease release to the Missouri River to 6,045 cfs.

Decrease total release from Canyon Ferry to 6,245 cfs.

/S/ Tim H. Felchle