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United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



May 7, 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. 12-21**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3789.15; Storage: 1,636,532 acre-feet; River Release: 6,060 cfs; Inflow: 7,065 cfs;

GENERAL COMMENTS:

Mountain snowpack in the Missouri River Basin is about 79 percent of average and due to the cooler weather, inflows into Canyon Ferry have decreased to about 7,000 cfs. In preparation of the anticipated snowmelt and control the rate of fill of storage in Canyon Ferry, 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 0900 hour on Monday, May 7, 2012:

Increase releases through the river outlet gates to 1,850 cfs.

Decrease releases through the spillway gates to 0 cfs.

Maintain turbine releases at \approx 3,550 cfs (\approx 865 MW-Hrs/day using 98.2 cfs/mw).

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

Decrease release to the Missouri River to 5,600 cfs.

Decrease total release from Canyon Ferry to 5,800 cfs.

/S/ Tim H. Felchle