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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



June 15, 2011

FAXOGRAM: Water Order Change

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota
Attention: F-6001
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado
Attention: J-4120
Facilities Manager, Helena, Montana
Attention: MT-682, MT669
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. 11-30**

CURRENT RESERVOIR CONDITIONS: (June 15, 2011: 06:00am)

Elevation: 3791.57; Storage: 1,714,002 acre-feet; River Release: 13,000 cfs; Inflow: 31,600 cfs;

GENERAL COMMENTS:

Following the recent precipitation events, streamflows in the Missouri River downstream of Canyon Ferry continue to recede. In addition, Helena Valley also plans to initiate irrigation deliveries to Helena Valley Reservoir on Thursday, June 16. As the flows continue to recede, the following operation change is required at Canyon Ferry Dam and Powerplant to control storage and continue preparing for the snowmelt runoff.

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

At 0800 hour on Wednesday, June 15, 2011:

Maintain releases through the river outlet gates at 0 cfs.

Increase releases through the spillway gates to 9,000 cfs.

Maintain turbine releases at $\approx 5,500$ cfs ($\approx 1,370$ MW-Hrs/day using 96.1 cfs/mw).

Maintain releases for Helena Valley Project at 0 cfs (0 cfs pumped to Helena Valley and 0 cfs discharged to the Missouri River).

Increase average daily release to the Missouri River to 14,500 cfs.

Increase average total release from Canyon Ferry to 14,500 cfs.

At 1030 hour on Thursday, June 16, 2011:

Maintain releases through the river outlet gates at 0 cfs.

Increase releases through the spillway gates to 9,000 cfs.

Maintain turbine releases at $\approx 5,500$ cfs ($\approx 1,370$ MW-Hrs/day using 96.1 cfs/mw).

Increase releases for Helena Valley Project at 350 cfs (150 cfs pumped to Helena Valley and 200 cfs discharged to the Missouri River).

Increase average daily release to the Missouri River to 14,700 cfs.

Increase average total release from Canyon Ferry to 14,850 cfs.

/S/ Tim H. Felchle