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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 25, 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. 11-36**

CURRENT RESERVOIR CONDITIONS: (June 25, 2011: 10:00p.m.)

Elevation: 3797.96; Storage: 1,924,006 acre-feet; River Release: 21,300 cfs; Inflow: 26,300 cfs;

GENERAL COMMENTS:

Streamflow forecasts indicate inflows into Canyon Ferry may increase to near 30,000 cfs. Storage has increased nearly 1 foot into the exclusive flood pool. To control storage and continue preparing for the remaining snowmelt runoff, the following operation changes are required at Canyon Ferry Dam and Powerplant.

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

At 1200 hour on Saturday, June 25, 2011:

Maintain releases through the river outlet gates at 0 cfs.

Increase releases through the spillway gates to 17,025 cfs.

Maintain turbine releases at $\approx 5,000$ cfs ($\approx 1,310$ MW-Hrs/day using 91.6 cfs/mw).

Maintain releases for Helena Valley Project at 475 cfs (225 cfs pumped to Helena Valley and 250 cfs discharged to the Missouri River).

Increase average daily release to the Missouri River to 22,275 cfs.

Increase average total release from Canyon Ferry to 22,500 cfs.

At 1000 hour on Tuesday, June 28, 2011:

Maintain releases through the river outlet gates at 0 cfs.

Maintain releases through the spillway gates at 17,025 cfs.

Maintain turbine releases at $\approx 5,000$ cfs ($\approx 1,310$ MW-Hrs/day using 91.6 cfs/mw).

Increase releases for Helena Valley Project to 650 cfs (300 cfs pumped to Helena Valley and 350 cfs discharged to the Missouri River).

Increase average daily release to the Missouri River to 22,375 cfs.

Increase average total release from Canyon Ferry to 22,675 cfs.

/S/ Tim H. Felchle