



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

January 20, 2012

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. 12-11**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3788.14; Storage: 1,604,522 acre-feet; River Release: 4,960 cfs; Inflow: 2,410 cfs;

GENERAL COMMENTS:

As part of the new SCADA upgrade system, a 4-hour maintenance outage is scheduled at the Canyon Ferry powerplant on January 24, 2012 to replace each of the unit's PLC CPU's and reprogram them. With mountain snowpack near 80 percent of average, releases will also be decreased to slow the evacuation rate of storage in Canyon Ferry. In response, the following operation changes are required at Canyon Ferry Dam and Powerplant, restricting and limiting turbine releases to 2-unit capacity during the 4-hour maintenance outage.

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

During 1000-1400 hour on Tuesday, January 24, 2012:

Increase releases through the river outlet gates to \approx 1,250 cfs.

Maintain releases through the spillway gates at 0 cfs.

Decrease turbine releases to \approx 3,250 cfs (\approx 805 MW-Hrs/day using 97.1 cfs/mw).

Maintain releases for Helena Valley Project at 0 cfs.

Decrease and maintain release to the Missouri River at 4,500 cfs.

Decrease and maintain total release from Canyon Ferry at 4,500 cfs.

Special Note: Immediately following the 4-hour maintenance outage, turbine releases will be increased to 4,500 cfs (1,112 MW-Hrs/day using 97.1 cfs/mw) and flows through the river outlet gates will be discontinued.

/S/ Tim H. Felchle