



IN REPLY REFER TO: MT-450

United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



May 18, 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. 11-19**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3778.38; Storage: 1,313,496 acre-feet; River Release: 11,840 cfs; Inflow: 12,815 cfs;

GENERAL COMMENTS:

Snowpack in the Missouri River Basin remains well above average. Warmer temperatures are increasing the melt of the high elevation snow, causing inflows into Canyon Ferry to steadily increase. To control the rate of fill of storage and prepare for the anticipated spring runoff, releases out of Canyon Ferry Dam will be increased as follows.

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

At 0900 hour on Wednesday, May 18, 2011:

Maintain releases through the river outlet gates at 0 cfs.

Increase releases through the spillway gates to 6,800 cfs.

Maintain turbine releases at $\approx 5,885$ cfs ($\approx 1,270$ MW-Hrs/day using 111.1 cfs/mw).

Increase releases for Helena Valley Project to 615 cfs (300 cfs pumped to Helena Valley and 315 cfs discharged to the Missouri River).

Increase average daily release to the Missouri River to 13,000 cfs.

Increase average total release from Canyon Ferry to 13,300 cfs.

At 0900 hour on Thursday, May 19, 2011:

Maintain releases through the river outlet gates at 0 cfs.

Increase releases through the spillway gates to 7,800 cfs.

Maintain turbine releases at $\approx 5,885$ cfs ($\approx 1,270$ MW-Hrs/day using 111.1 cfs/mw).

Maintain releases for Helena Valley Project at 615 cfs (300 cfs pumped to Helena Valley and 315 cfs discharged to the Missouri River).

Increase average daily release to the Missouri River to 14,000 cfs.

Increase average total release from Canyon Ferry to 14,300 cfs.

/S/ Tim H. Felchle