



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 15, 2006

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. 06-19**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3778.75; Storage: 1,323,775 acre-feet; River Release: 6,100 cfs; Inflow: 6,060 cfs;

GENERAL COMMENTS:

Due to increased irrigation demands, Helena Valley Irrigation District will increase diversions to Helena Valley Reservoir. Cool temperatures are also delaying the mountain snowmelt runoff into Canyon Ferry. To speed up refilling Canyon Ferry prior to Memorial Day weekend, the following operation changes are required at Canyon Ferry Dam.

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

At 0930 hour on Monday, May 15, 2006:

Maintain releases through the river outlet gates at 0 cfs.

Maintain releases through the spillway gates at 0 cfs.

Maintain turbine releases at 5,800 cfs ($\approx 1,265$ MW-Hrs/day using 110.2 cfs/mw).

Increase releases for Helena Valley Project to 675 cfs (300 cfs pumped to Helena Valley and 375 cfs discharged to the Missouri River).

Increase average daily release to the Missouri River to about 6,175 cfs.

Increase average total release from Canyon Ferry to about 6,475 cfs.

At 0100 hour on Wednesday, May 17, 2006:

Maintain releases through the river outlet gates at 0 cfs.

Maintain releases through the spillway gates at 0 cfs.

Decrease turbine releases at 5,300 cfs ($\approx 1,160$ MW-Hrs/day using 109.5 cfs/mw).

Maintain releases for Helena Valley Project at 675 cfs (300 cfs pumped to Helena Valley and 375 cfs discharged to the Missouri River).

Decrease average daily release to the Missouri River to about 5,675 cfs.

Decrease average total release from Canyon Ferry to about 5,975 cfs.

/S/ Tim H. Felchle