



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



June 5, 2007

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. 07-17**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3793.96; Storage: 1,791,575 acre-feet; River Release: 3,550 cfs; Inflow: 5,470 cfs;

GENERAL COMMENTS:

Helena Valley Irrigation District plans to increase diversions to Helena Valley Reservoir to meet increased irrigation demands of the Helena Valley Irrigation Project. The snowmelt runoff appears to be over and as a result the inflow to Canyon Ferry Lake has greatly diminished. To better assure filling Canyon Ferry to the top of the joint-use pool while maintaining river flows below Holter Dam near 3,500 cfs, the following operation change is required at Canyon Ferry Dam and Powerplant.

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

At 0900 hour on Wednesday, June 6, 2007:

Maintain releases through the river outlet gates at 0 cfs.

Maintain releases through the spillway gates at 0 cfs.

Maintain turbine releases at 3,230 cfs (\approx 820 MW-Hrs/day using 94.4 cfs/mw).

Increase releases for Helena Vally Project to 620 cfs (310 cfs pumped to Helena Valley and 310 cfs discharged to the Missouri River).

Increase average daily release to the Missouri River to about 3,540 cfs.

Increase average total release from Canyon Ferry to about 3,850 cfs.

At 0100 hour on Thursday, June 7, 2007:

Maintain releases through the river outlet gates at 0 cfs.

Maintain releases through the spillway gates at 0 cfs.

Decrease turbine releases to 2,830 cfs (\approx 720 MW-Hrs/day using 94.4 cfs/mw).

Maintain releases for Helena Vally Project at 620 cfs (310 cfs pumped to Helena Valley and 310 cfs discharged to the Missouri River).

Decrease average daily release to the Missouri River to about 3,140 cfs.

Decrease average total release from Canyon Ferry to about 3,450 cfs.

/S/ Tim H. Felchle