



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

June 30, 2009

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. 09-29**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3798.83; Storage: 1,953,304 acre-feet; River Release: 10,280 cfs; Inflow: 9,785 cfs;

GENERAL COMMENTS:

It appears the high elevation snowmelt is essentially over, as inflows into Canyon Ferry have declined to near 9,800 cfs and continue to decline. To continue evacuating storage from the exclusive flood pool and provide relief to the high river flows in the Missouri River downstream of Canyon Ferry Dam, the following operation changes are required at Canyon Ferry Dam and Powerplant.

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

At 1600 hour on Wednesday, July 1, 2009:

*Maintain releases through the river outlet gates at 0 cfs.
Decrease releases through the spillway gates to 3,500 cfs.
Maintain turbine releases at 4,900 cfs (≈ 1,294 MW-Hrs/day using 90.9 cfs/mw).
Maintain releases for Helena Valley Project at 685 cfs (355 cfs pumped to Helena Valley and 330 cfs discharged to the Missouri River).
Decrease average daily release to the Missouri River to about 8,730 cfs.
Decrease average total release from Canyon Ferry to about 9,085 cfs.*

At 1600 hour on Thursday, July 2, 2009:

*Initiate and maintain releases through the river outlet gates at 2,000 cfs.
Decrease releases through the spillway gates to 0 cfs.
Maintain turbine releases at 4,900 cfs (≈ 1,294 MW-Hrs/day using 90.9 cfs/mw).
Maintain releases for Helena Valley Project at 685 cfs (355 cfs pumped to Helena Valley and 330 cfs discharged to the Missouri River).
Decrease average daily release to the Missouri River to about 7,230 cfs.
Decrease average total release from Canyon Ferry to about 7,585 cfs.*

/S/ Tim H. Felchle