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United States Department of the Interior

BUREAU OF RECLAMATION

Great Plains Region

Montana Area Office

P.O. Box 30137

Billings, Montana 59107-0137



June 22, 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. 09-28**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3797.88; Storage: 1,921,318 acre-feet; River Release: 6,480 cfs; Inflow: 14,850 cfs;

GENERAL COMMENTS:

Recent precipitation and the remaining high elevation snowmelt has combined to increase inflows into Canyon Ferry Reservoir to nearly 15,000 cfs. To control the rate of fill, 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 Monday, June 22, 2009:

*Decrease releases through the river outlet gates to 0 cfs.
Initiate and increase releases through the spillway gates to 3,000 cfs.
Maintain turbine releases at 5,200 cfs (≈ 1,350 MW-Hrs/day using 92.2 cfs/mw).
Maintain releases for Helena Valley Project at 675 cfs (325 cfs pumped to Helena Valley and 350 cfs discharged to the Missouri River).
Increase average daily release to the Missouri River to about 8,550 cfs.
Increase average total release from Canyon Ferry to about 8,875 cfs.*

At 0800 hour on Tuesday, June 23, 2009:

*Maintain releases through the river outlet gates at 0 cfs.
Increase releases through the spillway gates at 4,000 cfs.
Maintain turbine releases at 5,200 cfs (≈ 1,350 MW-Hrs/day using 92.2 cfs/mw).
Maintain releases for Helena Valley Project at 675 cfs (325 cfs pumped to Helena Valley and 350 cfs discharged to the Missouri River).
Increase average daily release to the Missouri River to about 9,550 cfs.
Increase average total release from Canyon Ferry to about 9,875 cfs.*

At 1600 hour on Tuesday, June 23, 2009:

*Maintain releases through the river outlet gates at 0 cfs.
Increase releases through the spillway gates at 5,000 cfs.
Maintain turbine releases at 5,200 cfs (≈ 1,350 MW-Hrs/day using 92.2 cfs/mw).
Maintain releases for Helena Valley Project at 675 cfs (325 cfs pumped to Helena Valley and 350 cfs discharged to the Missouri River).
Increase average daily release to the Missouri River to about 10,550 cfs.
Increase average total release from Canyon Ferry to about 10,875 cfs.*

/S/ Tim H. Felchle