



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

October 1, 2010

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. 11-01**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3793.19; Storage: 1,766,465 acre-feet; River Release: 3,850 cfs; Inflow: 3,025 cfs;

GENERAL COMMENTS:

In regards to the underwater inspection scheduled at Canyon Ferry dam and powerplant intake structures on October 6, PPL-MT called and requested an additional increase in the releases through the river outlet gates during this time to minimize the draft on Hauser while maintaining river flows in the Missouri River at or above 4,100 cfs. To also continue evacuating storage as planned, releases to the Missouri River will be increased by 500 cfs immediately following the underwater inspections. In response, Water Release Order – CFR No. 10-48 should be revised as follows.

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

During 0900-1500 hour on Wednesday, October 6, 2010:

*Increase releases through the river outlet gates to 2,500 cfs.
Maintain releases through the spillway gates at 0 cfs.
Decrease turbine releases to 0 cfs (≈ 0 MW-Hrs/day using 96.0 cfs/mw).
Maintain releases for Helena Valley Project at 0 cfs.
Decrease average daily release to the Missouri River to 2,500 cfs.
Decrease average total release from Canyon Ferry to 2,500 cfs.*

During 1500-2100 hour on Wednesday, October 6, 2010:

*Decrease releases through the river outlet gates to 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Increase turbine release to 4,900 cfs ($\approx 1,225$ MW-Hrs/day using 96.0 cfs/mw).
Maintain releases for Helena Valley Project at 0 cfs.
Increase average daily release to the Missouri River to 4,900 cfs.
Increase average total release from Canyon Ferry to 4,900 cfs.*

At 2100 hour on Wednesday, October 6, 2010:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Decrease turbine releases to 4,200 cfs ($\approx 1,050$ MW-Hrs/day using 96.0 cfs/mw).
Maintain releases for Helena Valley Project at 0 cfs.
Decrease average daily release to the Missouri River to 4,200 cfs.
Decrease average total release from Canyon Ferry to 4,200 cfs.*

/S/ Tim H. Felchle