



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

January 30, 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. 07-04**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3784.66; Storage: 1,496,357 acre-feet; River Release: 3,460 cfs; Inflow: 3,310 cfs;

GENERAL COMMENTS:

The National Weather Service is forecasting a cold front to move into Montana. PPL-MT has requested an increase in releases from Canyon Ferry to prepare for the colder weather. Higher releases are requested in an effort to minimize or prevent ice jam flooding from occurring. In response, the following operation change is required at Canyon Ferry Dam and Powerplant.

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

At 0100 hour on Thursday, February 1, 2007:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Increase turbine releases to 3,950 cfs (\approx 929 MW-Hrs/day using 102.0 cfs/mw)..
Maintain release for Helena Valley Project at 0 cfs.
Increase average total release to the Missouri River to about 3,950 cfs.*

At 1200 hour on Thursday, February 1, 2007:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Increase turbine releases to 4,450 cfs (\approx 1,047 MW-Hrs/day using 102.0 cfs/mw).
Maintain release for Helena Valley Project at 0 cfs.
Increase average total release from Canyon Ferry to about 4,450 cfs.*

At 0100 hour on Sunday, February 4, 2007:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Decrease turbine releases to 3,950 cfs (\approx 929 MW-Hrs/day using 102.0 cfs/mw).
Maintain release for Helena Valley Project at 0 cfs.
Decrease average total release from Canyon Ferry to about 3,950 cfs.*

At 1200 hour on Sunday, February 4, 2007:

*Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Decrease turbine releases to 3,450 cfs (\approx 812 MW-Hrs/day using 102.0 cfs/mw).
Maintain release for Helena Valley Project at 0 cfs.
Decrease average total release from Canyon Ferry to about 3,450 cfs.*

/S/ Tim H. Felchle