



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



October 18, 2011

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. 12-03**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3791.42; Storage: 1,709,164 acre-feet; River Release: 4,100 cfs; Inflow: 4,900 cfs;

GENERAL COMMENTS:

Annual maintenance is scheduled on K2A transformer during 0800-1600 hours on Wednesday, October 19, 2011. Since a maintenance outage is already scheduled on powerplant Unit #2, no specific change in operations is required from that scheduled in Water Release Order – CFR No. 12-01.

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

Beginning on October 18 during 0700-1700 hour each day through Thursday, October 20, 2011:

Maintain releases through the river outlet gates at ≈ 0 cfs.

Maintain releases through the spillway gates at 0 cfs.

Maintain turbine releases at 2-unit load of $\approx 3,250$ cfs (≈ 830 MW-Hrs/day using 94.2 cfs/mw).

Maintain releases for Helena Valley Project at 0 cfs.

Decrease release to the Missouri River to 3,250 cfs. (average daily river release = 4,000 cfs)

Decrease total release from Canyon Ferry to 3,250 cfs. (average daily total release = 4,000 cfs)

Beginning on October 18 during 1700-0700 hour each day through Thursday October 20, 2011:

Initiate and maintain releases through the river outlet gates at $\approx 1,300$ cfs.

Maintain releases through the spillway gates at 0 cfs.

Maintain turbine releases at 2-unit load of $\approx 3,250$ cfs (≈ 830 MW-Hrs/day using 94.2 cfs/mw).

Maintain releases for Helena Valley Project at 0 cfs.

Increase release to the Missouri River to 4,550 cfs. (average daily river release = 4,000 cfs)

Increase total release from Canyon Ferry to 4,550 cfs. (average daily total release = 4,000 cfs)

At 1700 hour on Thursday October 20, 2011:

Increase and maintain releases through the river outlet gates at $\approx 1,250$ cfs.

Maintain releases through the spillway gates at 0 cfs.

Maintain turbine releases at $\approx 3,250$ cfs (≈ 810 MW-Hrs/day using 96.5 cfs/mw).

Maintain releases for Helena Valley Project at 0 cfs.

Increase release to the Missouri River to 4,500 cfs.

Increase total release from Canyon Ferry to 4,500 cfs.

/S/ Tim H. Felchle