



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



May 3, 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. 11-16**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3780.01; Storage: 1,359,257 acre-feet; River Release: 7,100 cfs; Inflow: 5,950 cfs;

GENERAL COMMENTS:

Snowpack in the Missouri River Basin has increased to 142% of average. The May 1 water supply forecast estimates the May-July inflow into Canyon Ferry to be 2,290,000 acre-feet. In preparation for the anticipated spring snowmelt runoff, releases out of Canyon Ferry Dam will be increased as follows.

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

At 1000 hour on Tuesday, May 3, 2011:

Increase releases through the river outlet gates to 2,000 cfs.

Maintain releases through the spillway gates at 0 cfs.

Maintain turbine releases at $\approx 5,930$ cfs ($\approx 1,300$ MW-Hrs/day using 109.4 cfs/mw).

Maintain releases for Helena Valley Project at 315 cfs (150 cfs pumped to Helena Valley and 165 cfs discharged to the Missouri River).

Increase average daily release to the Missouri River to 8,095 cfs.

Increase average total release from Canyon Ferry to 8,245 cfs.

/S/ Tim H. Felchle