



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

March 31, 2015

FAXOGRAM: Water Order Change

To: Chief, Power Supply and Billing Division, WAPA, Watertown, South Dakota
Attention: F-6300
Chief, Power Dispatching Branch, WAPA, Loveland, Colorado
Attention: J-4120
Facilities Manager, Helena, Montana
Attention: MT-800, MT-810, MT-831
Project Manager, Mills, Wyoming
Attention: WY-4000, WY-4100, WY-6400
Northwestern Energy, Butte, Montana
Attention: Resource Coordinator, Deb MULLOWNEY

From: Reservoir and River Operations, Billings, Montana /S/ Stephanie Micek

Subject: **Canyon Ferry Water Release Order - CFR No. 15-15**

CURRENT RESERVOIR CONDITIONS:

Elevation: 3785.85; Storage: 1,532,929 acre-feet; River Release: 3,900 cfs; Inflow: 4,530 cfs;

GENERAL COMMENTS:

Helena Valley Irrigation District (HVID) will not be starting up the Helena Valley Pumping on April 1, 2015 as originally planned. Instead, the startup will begin on April 2, 2015. Turbine releases are restricted and limited to a 2-unit capacity through April 2nd. In response, the following operation changes are required at Canyon Ferry Dam and Powerplant.

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

At 0730 hour on Thursday, April 2, 2015:

Maintain releases through the river outlet gates at 275 cfs.

Maintain releases through the spillway gates at 0 cfs.

Maintain turbine release at $\approx 3,625$ cfs (≈ 36 MW-Hr/hr using 100.7 cfs/mw).

Increase release for Helena Valley Project to 210 cfs (100 cfs pumped to Helena Valley and 110 cfs discharged to the Missouri River).

Increase release to the Missouri River to 4,010 cfs.

Increase total release from Canyon Ferry to 4,110 cfs

At 1630 hour on Thursday, April 2, 2015:

Decrease releases through the river outlet gates to 0 cfs.

Maintain releases through the spillway gates at 0 cfs.

Increase turbine release to $\approx 3,900$ cfs (≈ 39 MW-Hr/hr using 100.7 cfs/mw).

Maintain release for Helena Valley Project at 210 cfs (100 cfs pumped to Helena Valley and 110 cfs discharged to the Missouri River).

Maintain release to the Missouri River at 4,010 cfs.

Maintain total release from Canyon Ferry at 4,110 cfs