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

April 10, 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. 15-18**

CURRENT RESERVOIR CONDITIONS:
Elevation: 3786.29; Storage: 1,546,560 acre-feet; River Release: 3,470 cfs; Inflow: 4,240 cfs;

GENERAL COMMENTS:
HVID has requested an increase in diversions to the Helena Valley Reservoir on Monday, April 13th. Also, the Canyon Ferry Field Office has requested several different clearances and reservoir release schedules next week in order to perform various inspections. To maintain river flows near or above 3,700 cfs below Holter Dam, the following operation changes are required at Canyon Ferry Dam and Powerplant.

CANYON FERRY RELEASES AND OPERATIONS: Times are Mountain Standard Time (MST)
At 0800 hour on Monday, April 13, 2015:
Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Decrease turbine release to ≈ 3,050 cfs (≈30 MW-Hr/hr using 102.5 cfs/mw).
Increase release for Helena Valley Project to 650 cfs (300 cfs pumped to Helena Valley and 350 cfs discharged to the Missouri River).
Decrease release to the Missouri River to 3,400 cfs.
Maintain total release from Canyon Ferry at 3,700 cfs

At 1100 hour through 1630 hour on Monday, April 13, 2015:
Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Maintain turbine release at ≈ 3,050 cfs (≈30 MW-Hr/hr using 102.5 cfs/mw).
Maintain release for Helena Valley Project at 650 cfs (300 cfs pumped to Helena Valley and 350 cfs discharged to the Missouri River).
Maintain release to the Missouri River at 3,400 cfs.
Maintain total release from Canyon Ferry at 3,700 cfs

Special Note: Spillway and river outlet gates will be under clearance for spillway gate inspections; therefore releases shall be through the generators

At 0800 hour through 1630 hour on Tuesday, April 14, 2015:

Maintain releases through the river outlet gates at 0 cfs.
Increase releases through the spillway gates to 3,050 cfs.
Decrease turbine release to 0 cfs (0 MW-Hr/hr).
Maintain release for Helena Valley Project at 650 cfs (300 cfs pumped to Helena Valley and 350 cfs discharged to the Missouri River).
Maintain release to the Missouri River at 3,400 cfs.
Maintain total release from Canyon Ferry at 3,700 cfs

Special Note: All three generators will be shut down and under clearance for tail race, draft tube and trash rack inspection, therefore releases shall be through the spillway gates

At 1630 hour on Tuesday April 14, 2015 through 0800 hour on Wednesday, April 15, 2015:

Maintain releases through the river outlet gates at 0 cfs.
Decrease releases through the spillway gates to 0 cfs.
Increase turbine release to ≈ 3,050 cfs (≈30 MW-Hr/hr using 102.5 cfs/mw).
Maintain release for Helena Valley Project at 650 cfs (300 cfs pumped to Helena Valley and 350 cfs discharged to the Missouri River).
Maintain release to the Missouri River at 3,400 cfs.
Maintain total release from Canyon Ferry at 3,700 cfs

Special Note: No restrictions

At 0800 hour through 1630 hour on Wednesday, April 15, 2015:

Maintain releases through the river outlet gates at 0 cfs.
Maintain releases through the spillway gates at 0 cfs.
Maintain turbine release at ≈ 3,050 cfs (≈30 MW-Hr/hr using 102.5 cfs/mw).
Maintain release for Helena Valley Project at 650 cfs (300 cfs pumped to Helena Valley and 350 cfs discharged to the Missouri River).
Maintain release to the Missouri River at 3,400 cfs.
Maintain total release from Canyon Ferry at 3,700 cfs

Special Note: Spillway and river outlet gates will be under clearance for stilling basin inspection; therefore releases shall be through the generators