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

November 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, Hardin, Montana
Attention: MT-300: Tom Tauscher
Project Manager, Mills, Wyoming
Attention: WY-4000, WY-4100, WY-6400
Assistant Superintendent, National Park Service, Lovell, Wyoming
Attention: Valerie Newman

From: Reservoir and River Operations, Billings, Montana

Subject: **Yellowtail Water Release Order - BHR No. 12-08**

CURRENT RESERVOIR CONDITIONS

Elevation: 3639.11 Storage: 1,009,492 acre-feet; River Release: 3,500 cfs; Inflow: 3,000 cfs;

GENERAL COMMENTS:

Reclamation has prepared to schedule the planned fall and winter release rate out of Yellowtail Dam to the Bighorn River to control the evacuation rate of storage in Bighorn Lake. In response, the following operation changes are required at Yellowtail Dam and Powerplant.

YELLOWTAIL TURBINE RELEASE:

At 1600 hour on Friday, November 4, 2011:
Decrease average daily turbine release to 3,060 cfs (≈ 2,370 MW-Hrs/day using 31.0 cfs/mw).

YELLOWTAIL BYPASS RELEASE:

At 1600 hour on Friday, November 4, 2011:
Maintain release through the spillway gates at 0 cfs.

AFTERBAY RELEASE AND OPERATION:

At 1600 hour on Friday, November 4, 2011:
Maintain diversions to the Bighorn Canal at 0 cfs (gage height = 69.32 with -0.82 shift).
Decrease river release to 3,130 cfs (gage height = 60.86 with -0.38 shift).
Decrease total release from the Afterbay to 3,130 cfs.

/S/ Tim H. Felchle