

MEMORANDUM FOR THE RECORD

TITLE - 16DEX01 Ramp Rate
DATE - 22 April 2016
PROJECT- Dexter Dam
RESPONSE DATE - 05 May 2016

Description of the problem

A ramp rate of -0.28 feet/hour was observed on 14 April, 2016 between 18:00 and 19:00 below Dexter Dam. The criterion for down-ramping at night detailed in the Biological Opinion for the Operation of Willamette Valley projects is -0.1 feet per hour, thus, ramp rates deviated from criteria by about an inch during a flow decrease made at the dam (total stage change \approx -3 inches).

Dates of impacts

22 April, 2016

Expected impacts on fish

Ramp rate criteria are primarily designed to prevent fish stranding (usually fry). Negative impacts should be minimal as the deviation was minor and spring Chinook fry are likely not present below Dexter Dam this time of year.

Comments from agencies

NMFS: As previously noted and requested by NMFS notifications of this kind should identify the reason for the deviation and appropriate steps to be taken to prevent future occurrence.

-----Original Message-----

From: Kim Hatfield [mailto:kim.hatfield@noaa.gov]
Sent: Monday, May 09, 2016 7:45 AM
To: Walker, Christopher NWP
Cc: Stephanie Burchfield; Mackey, Tammy M NWP
Subject: [EXTERNAL] Re: Blue River flow decrease comments, 16BLU02 MOC

Chris,

Attached are two additional responses to MFRs for 16BCL01 and 16DET01 - I apologize for our delay in providing written comments.

We also note that our previous comment still stands and has been included in our response to the above noted MFRs:

As previously requested by NMFS notifications of this kind should identify the reason for the deviation and appropriate steps to be taken to prevent future occurrence.

Thanks,

Kim

Kim Hatfield
Biologist
NOAA Fisheries West Coast Region
503-231-2315

Final results

We are examining our processes to ensure adequate quality control procedures are in place when making flow/operational changes. Further, training procedures will be examined and implemented if needed.

Please email or call with questions or concerns.
Thank you,

Chris Walker
NWP Operations Division Fishery Section
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