

MEMORANDUM FOR THE RECORD

TITLE - 17BCL05 Ramp Rate
DATE - 19 July 2017
PROJECT- Big Cliff Dam
RESPONSE DATE - 02 August 2017

Description of the problem

A ramp rate of -0.79 feet/hour was observed on 13 July, 2017, around noon below Big Cliff Dam due to North American Electrical Reliability Corporation (NERC) validation testing. The criterion for down-ramping during the day detailed in the Biological Opinion for the Operation of Willamette Valley projects is -0.2 feet per hour.

Dates of impacts

July 13, 2017, ~ 1100-1300 hours

Expected impacts on fish

Ramp rate criteria are primarily designed to prevent fish stranding (usually fry). There could be potential impacts to steelhead as there could be fry present in the affected area.

Comments from agencies

Comments from NMFS are in attachment 1

Final results

These tests will be scheduled during the winter or during the flood risk reduction season.

Please email or call with questions or concerns.

Thank you,

Chris Walker
NWP Operations Division Fishery Section
503.808.4316
Christopher.E.Walker@usace.army.mil