

**OFFICIAL COORDINATION REQUEST FOR
NON-ROUTINE OPERATIONS AND MAINTENANCE**

COORDINATION TITLE- 16BON116

COORDINATION DATE- 10-4-16

PROJECT- Bonneville

**RESPONSE DATE- Comments preferred at FPOM meeting but accepted until
October 25th.**

Description of the problem The FPP start date for winter maintenance on the WA shore ladder will not allow the project to accomplish all of the necessary repairs/maintenance required for this in water work period. This is due in part to an extended nav lock outage starting on 12 December and lasting for 2 months. When that occurs the project will lose a good portion of the maintenance personnel that normally work on the fishway maintenance. In addition, we are dewatering more of the WA shore ladder and AWS than usual to accomplish multiple necessary repairs/maintenance activities. The project needs to replace diffuser panel C4 (coordinated in 16BON03). The south monolith and the AWS need to be dewatered to repair the B diffuser, to look at the condition of the other C diffusers (and that dewatering in future years could be difficult if the C diffusers fail), as well as the need to assess condition of the collection channel grating, using the displacement of the C5 grating as a potential harbinger of the condition of the other grates. It will take about two weeks (depending on sediment in the AWS and sturgeon in the monoliths) to dewater the North Monolith, Collection Channel, and South Monolith. Failure to dewater the fishway early may result in a shortage of riggers to dewater all of Washington Shore before the navlock outage. If all of the fishway is not dewatered, the items listed above may not be complete and there is a risk that more grating could be displaced and more valves will fail. Failure of either risk putting the fishway out of FPP criteria.

Type of outage required The WA shore outage is requested for 25 November to allow orifice flow to initiate with the first portion of fish salvaging to occur 28 November and the remainder of the dewaterings/salvages to conclude by 12 December.

Impact on facility operation – The fish ladder will be out of criteria from the FPP for one week.

Dates of impacts/repairs - Orifice flow to begin on 25 November as opposed to 1 December.

Length of time for repairs - 25 November thru 28 February would be the modified duration of the in-water work period.

Expected impacts on fish passage - The T12 outage (units 15-18) runs from 7 September thru 23 November. There will be a full powerhouse outage the week of 21-24

November. Therefore Powerhouse priority will already be switched to Powerhouse 1. FPOM previously agreed to leave Powerhouse 1 the priority for the remainder of November (24th thru 30th) after T11/T12 return to service. Bonneville is requesting permission to dewater the ladder during this period. The 10 year average for all species passing Bonneville for this 6 day period (25 thru 30 November) is 423 fish which equates to 70 total fish per day project wide. With Bradford Island and Cascades Island ladders still operating in FPP criteria, the impact should be very minimal.

Comments from agencies-

From the FPOM October meeting-

Agencies were okay with this MOC but would like an update of the work that will be accomplished.

Final results – FPOM concurred with this action at the October meeting

Please email or call with questions or concerns.

Thank you,

Erin

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