

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

**COORDINATION TITLE- 19TDA05 - Fish Unit Commissioning**

**COORDINATION DATE- 4/12/19**

**PROJECT- The Dalles Dam**

**RESPONSE DATE- 4/26/19**

**Description of the problem**

The fish unit breaker replacement still required commissioning for continued reliable operation through the remainder of this passage season. This is required to maintain governor HMI control from the control room. This can be done one fish unit per time while the other unit maintains maximum flow. Each unit requires 5 hours and can be done during nighttime hours.

**Type of outage required**

**Impact on facility operation** – Single fish unit operation will maintain ~75% criteria flow

**Impact on unit priority** – Fish Unit outage during passage season

**Impact on forebay/tailwater operation** - None

**Impact on spill** - None

**Dates of impacts/repairs**

April 29 and 30

**Length of time for repairs**

5 hours for each unit

**Analysis of potential impacts to fish**

1. 10-year average passage by run during the period of impact for adults and juvenile listed species, as appropriate for the proposed action and time of year;  
<https://www.nwfsc.noaa.gov/research/divisions/fe/estuarine/oeip/g-forecast.cfm>  
Chinook 10year average on these dates is 2752 – 3676. In 2018, it was 200 – 548.  
Steelhead 10 year average on these dates is 7. In 2018, it was only 1-4.
2. Statement about the current year’s run (e.g., higher or lower than 10-year average)  
Similar to 2018
3. Estimated exposure to impact by species and age class (i.e., number or percentage of run exposed to an impact by the action)

Impact should be minimal since one fish unit will maintain ~75% normal flow.

4. Type of impact by species and age class (increased delay, exposure to predation, exposure to a route of higher injury/mortality rate, exposure to higher TDG, etc.);

Potential delay due to reduced attraction flow at east fishway entrances.

**Summary statement - expected impacts on:**

**Downstream migrants - none**

**Upstream migrants (including Bull Trout)** – Impact will be minimal due to low night time passage (<10% of run) and maintaining 75% normal attraction flow.

**Lamprey** – None expected during this time

**Comments from agencies**

**Final coordination results – This MOC was rescinded.**

**After Action update** (After action statement stating what the effect of the action was on listed species. This statement could simply state that the MOC analysis was correct and the action went as expected, or it could explain how the actual action changed the expected effect (e.g., you didn't need to close that AWS valve after all, so there was no impact of the action). List any actual mortality noted as a result of the action)

Please email or call with questions or concerns.

Thank you,

Erin

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