**OFFICIAL COORDINATION REQUEST**

**FOR NON-ROUTINE OPERATIONS AND MAINTENANCE**

**COORDINATION TITLE- 18TDA16 Crane Rail Replacement**

**COORDINATION DATE- December 11, 2018**

**PROJECT- The Dalles Dam**

**RESPONSE DATE- December FPOM meeting (13 December 2018) or written comments until 26 December 2018.**

**Description of the problem –** A new intake crane and crane rail will be installed on the intake deck of The Dalles powerhouse. This will require removal of the existing crane rail and installing new rail. This work is similar to the derelict rail removal that occur in 2017, which was approved by FPOM ([17TDA01 MOC Railroad Rail removal](http://pweb.crohms.org/tmt/documents/FPOM/2010/NWP%20Memos%20of%20Coordination%20and%20Notification/TDA%20MOC%20and%20MFR/17TDA01%20MOC%20Railroad%20Rail%20Removal.pdf)). Removal is done by saw cutting and jackhammers. This includes areas within 20’ horizontally from unit 1, 8 and 18 intakes as well as directly over the channel of the Ice Trash Sluiceway (ITS). Work will be done within daylight hours. Operation will follow the guidelines of the previous rail removal, by moving open sluicegates greater than 100’ from the work area as it approaches intake gates at units 1, 8 and 18.

**Type of outage required –** Open sluicegates will be moved to units greater than 100’ from the rail removal work location.

**Impact on facility operation –** Sluicegate pattern will maintain the criteria in the FPP.

**Dates of impacts/repairs –** July – November, 2021 and 2022.

**Length of time for repairs –** 5 months per year

**Expected impacts on fish passage –**

**Upstream migrants (including Bull Trout).** Research on sluiceway use by adults. (not actually migrating ‘upstream’)



There is a potential of passage impacts to adult steelhead using the ITS for downstream passage. Operational adjustments to mitigate for this will include opening alternative unit’s gates when work is within 100’ of these entrances. Research has shown fish will use alternative gates if open and turbine is in operation. All sluicegates will remain open as specified in Fish Passage Plan.

**Downstream migrants.** Fish migrating downstream may be impacted by the work at the entrance into the ITS at Units 1, 8 and 18. This work would be in July and August falling in the summer outmigration. The same operational adjustments for adults would also apply to juvenile passage. Less than 10% of total summer juvenile passage uses the ITS. 

**Lamprey –** Lamprey passage rates through the ITS is unknown. No research information available

**Comments from agencies – No comments were received.**

**Final Coordination Results – FPOM concurred with this action at the December FPOM meeting.**

**After Action Update**

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

Bob Cordie

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