

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

COORDINATION TITLE- 19 MCN 08 Delay in TSW removal per FPP

COORDINATION DATE- May 26, 2019

PROJECT- McNary Dam

RESPONSE DATE- June 6, 2019

Description of the problem: Per FPP, Appendix E (FOP), “A spillway weir will be operated in both spillbay 19 and spillbay 20 for the period April 10 through June 7. As in past years, both spillway weirs will be removed from service on June 8 (or next business day as coordinated through the FPOM) for the benefit of subyearling Chinook. This operational change will be coordinated through the FPOM.” June 8 is a Saturday. The next working day is June 10, a Monday. The TSWs would be removed from service that day. Conversion to standard spill bays would be completed by close of business on June 13, a Thursday, unless weather makes crane service unsafe. Per FOP: “Temporary spill pattern changes to allow removal of the spillway weirs will occur; however spill will continue at the target level defined in Table 3 during removal of the spillway weirs using the spill pattern in FPP Table MCN-10. Following removal of the spillway weirs, the spill pattern in Table MCN-9 in FPP Chapter 5 will be used for the remainder of the spring and summer.”

Type of outage required: Bays 19 and 20 will be closed for TSW removal.

Impact on facility operation: None.

Impact on unit priority: None.

Impact on forebay/tailwater operation: None.

Impact on spill: Bays 19 and 20 will be closed until the TSWs are removed and replaced standard spillgates. FPP spill patterns will be followed.

Dates of impacts/repairs: From June 10 to June 13, weather permitting.

Length of time for repairs: Weather allowing, 4 days.

Analysis of potential impacts to fish: No impact on adult passage is anticipated. The only juvenile specie/race that could potentially be impacted are subyearling Chinook. The data analysis will focus on subyearling Chinook. FPC data was used and was provided by Thomas VanNice and Kathleen Carter, PSMFC.

1. Statement about the current year’s run: The total number of sub yearling chinook estimated, by passage index, to have passed is 15,922. The 10 year average estimated to have passed by passage index is 111,756. The current year's run is

14.2% of the 10 year average as estimated by the passage index as of May 26, 2019.

2. Exposure and impact: Subyearling Chinook were to be exposed to the change from TSWs to standard spillway gates in any event. This delay just moves that exposure two days later on the calendar. With 20 of 22 spillbays still available, the shift in schedule two days should have minimal impact on subyearling Chinook outmigration.

Summary statement - expected impacts on:

Downstream migrants: minimal effect on subyearling Chinook passage.

Upstream migrants (including Bull Trout): None.

Lamprey: None.

Comments from agencies:

Final coordination results:

After Action update:

Please email or call with questions or concerns.

Thank you,

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