

OFFICIAL COORDINATION REQUEST FOR NON-ROUTINE OPERATIONS AND MAINTENANCE

COORDINATION TITLE- 21LWG02 Extended T2 Outage.

COORDINATION DATE- 4 March 21

PROJECT- Lower Granite Dam

RESPONSE DATE- 18 March 21

Description of the problem- Doble testing is currently scheduled for August 9-13 with all units scheduled to be back in normal operation at 1900 hours August 13. LWG is requesting to extend the outage on T2 to August 17 to accommodate several large cap projects including Isophase buss duct work, non-conductive walkway scoping between transformers, and possible roof warranty repairs. Units 1-4 will be operating in unit priority order from 1900 hours August 13 through 1600 hours August 17. Restoring T2 requires all units to be out of service for 3 hours from 1600-1900 hours on August 17.

Type of outage required- Unit outages.

Impact on facility operation (FPP deviations)- Unit priority order operation.

Impact on unit priority- Units will be out of service for about 3 hours from 1600-1900 to restore power to T2 August 17 instead of August 13.

Impact on forebay/tailwater operation- Tailrace flow will be impacted for about 3 hours.

Impact on spill- Spill operations will not be impacted.

Dates of impacts/repairs- Rescheduled from August 13 to August 17.

Length of time for repairs- About 3 hours.

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; The ten year average fish passage for LWG on August 17 are 59 Chinook, 10 Jack Chinook, 204 Steelhead, and 1 Sockeye.
2. Statement about the current year's run (e.g., higher or lower than 10-year average); Runs are expected to be lower than average.
3. Estimated exposure to impact by species and age class (i.e., number or percentage of run exposed to an impact by the action); Based on the ten year average adult counts the percent of each fish species that pass LWG August 17 are 0.05% Chinook, 0.04% Jack Chinook, 0.17% Steelhead, and 0.1% Sockeye. T2 return to service is scheduled for late afternoon to minimize impacts to adult passage.

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.); Impacts to fish passage are expected to be comparable to the original return to service date. The ten-year average proportion of all salmonid species combined passing LWG on August 13 is 0.41% compared to 0.36% August 17.

Summary statement - expected impacts on:

Downstream migrants: N/A

Upstream migrants (including Bull Trout): Potential passage delay.

Lamprey: N/A

Comments from agencies:

Final coordination results:

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,
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