

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

**COORDINATION TITLE** – 23 LWG 08 ESBS Early Removal

**COORDINATION DATE** – 5 June 2023

**PROJECT** - Lower Granite Dam

**RESPONSE DATE** – 20 June 2023

**Description of the problem-** Work on transformer T1C is schedule for late November -December 2023. The intake crane used to remove ESBSs must be relocated to the other end of the intake deck to allow room for the contractor’s equipment. LWG will need to remove ESBSs November 13-15 in preparation for the contractor’s arrival the following week.

**Type of outage required-** Units will be rotated out of service to remove ESBSs.

**Impact on facility operation (FPP deviations)-** ESBSs will be removed prior to December 15.

**Impact on unit priority-** Units will be rotated out of service one at a time November 13-15 to remove ESBSs.

**Impact on forebay/tailwater operation-** N/A

**Impact on spill-** N/A

**Dates of impacts/repairs-** November 13-December 15.

**Length of time for repairs-** T1 work will likely continue through the winter maintenance season.

**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 10-year average adult passage November 13-December 15 is 173 adult Chinook, 46 Jack Chinook, 2665 adult steelhead, and 498 Coho salmon.

Juvenile data is not available. This work is expected to have minimal impacts on both adult and juvenile passage.

Statement about the current year's run (e.g., higher or lower than 10-year average);

No data available on the current year's Sockeye or Coho salmon runs. As of June 3, 2023, LWG adult fish counts have been lower than the 10-year average (adult Chinook 29.4%, Jack Chinook 14.3%, adult steelhead at 4.6%).

2. Estimated exposure to impact by species and age class (i.e., number or percentage of run exposed to an impact by the action); Work is scheduled at the tail end of the juvenile and adult passage season to minimize impacts.
3. 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.); Minimal impacts to juvenile or adult fish are expected.

**Summary statement - expected impacts:** N/A

**Downstream migrants:** N/A

**Upstream migrants (including Bull Trout):** N/A

**Lamprey:** N/A

**Comments from agencies:**

**Final coordination results:**

**After Action update:**

Please email or call with questions or concerns.

Thank you,  
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