

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

COORDINATION TITLE- 23BON093 Units 1 and 10 OOS for Co2 system commissioning

COORDINATION DATE- 9/14/2023

PROJECT- BON

RESPONSE DATE- 21 September 2023 (short comment window)

Description of the problem – A new Co2 safety system has been installed on PH1 turbines. This system should get commissioned as soon as possible and requires a 1-2 hour outage. BON is requesting outages for units 1 & 10 on Sept 28, in an attempt to finish the work with FY23 funding. Units 1 & 10 are not expected to be running at the time of the work, as all water is expected to route through PH2.

Type of outage required- Units 1 & 10

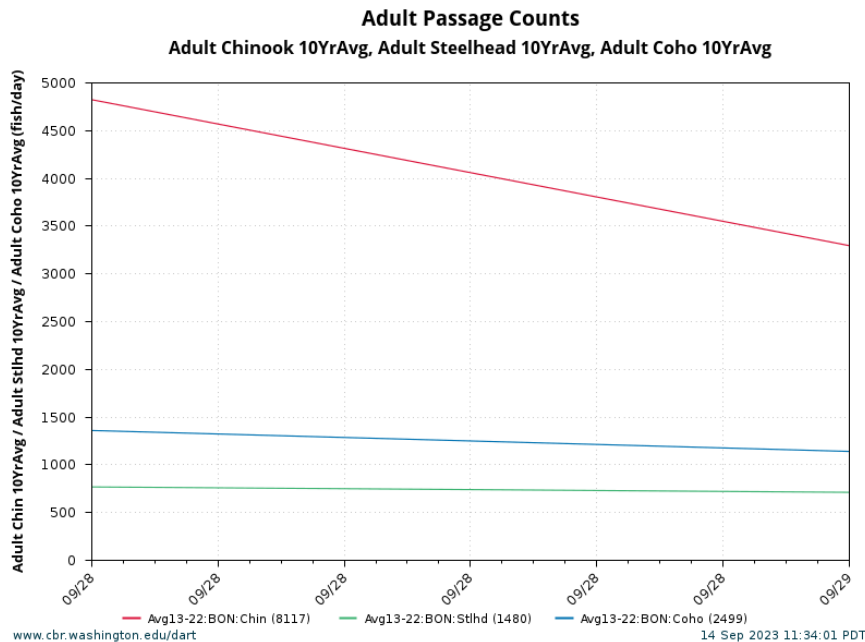
Impact on facility operation- Likely no impacts since splitting powerhouses for fish passage is usually over by mid-September and flows are not likely to have increased to force operation of PH1 units.

Dates of impacts/repairs- 28 September 2023.

Length of time for repairs- ~2 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;



-Juvenile passage is low enough on these dates that data is not available on Dart.

2. Statement about the current year's run (e.g., higher or lower than 10-year average);
Current year Steelhead run is 127% of the 4 year and 75% of the 10 year averages.

Coho are 106% and 154%, respectively.
Chinook are 137% and 106%, respectively.

3. Estimated exposure to impact by species and age class (i.e., number or percentage of run exposed to an impact by the action);

Adults:

Steelhead ~0.01% of the run

Chinook ~1%

Coho ~2%

Juveniles:

Low, no data

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.);

As flows continue to drop, units 1 & 10 are not likely to be operating, so there is zero impact on any species is anticipated.

Summary statement - expected impacts on:

As flows continue to drop, units 1 & 10 are not likely to be operating, so there is zero impact on any species is anticipated.

Comments from agencies – CRITFC

-----Original Message-----

From: Tom Lorz <lort@critfc.org>

Sent: Friday, September 15, 2023 5:34 PM

To: Mackey, Tammy M CIV USARMY CENWP (USA)
<Tammy.M.Mackey@usace.army.mil>

Cc: Trevor Conder -NOAA Federal <trevor.conder@noaa.gov>

Subject: [Non-DoD Source] Re: FPOM: Official Coordination - 23BON093
MOC Units 1 and 10 OOS for CO2 commissioning - comments due 21
September 2023

This should be fine, but please remind folks that we need to get these with ideally at least 2 weeks period to comment so we can discuss and get answers to questions prior to the start of work. While this one appears to not have any significant issues, this is not how we normally do business. If this was an emergency that is of course acceptable, but this work looks like it has been in motion for some time, so it is really not an emergency, but rather a convenience and helps with budget issues. While we understand the need to be fiscal prudent, that is not an excuse to not give us adequate time to review and comment.

thanks

Tom Lorz
CRITFC

Final coordination results

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

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