

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

**COORDINATION TITLE-** 18 LGS 25 Pull Unit 2, 3 intake screens 3 days early

**COORDINATION DATE-** December 7, 2018

**PROJECT-** CENWW-ODG

**RESPONSE DATE-** December 11

**Description of the problem:** An electrical problem has developed on the bus for Units 1 and 2, and they are not being run until more troubleshooting can be accomplished.

Transformer T1, which serves units 1-4, must be placed on clearance to begin testing and troubleshooting. This requires equipment and personnel lifts to be operated in the same space as would be used by the intake gantry crane to raise the ESBSSs. Raising ESBSSs later than normal increases the risk of weather related complications and freezing in associated pumping systems. Unit 1 is out of service, and so ESBSS's have already been raised. This leaves ESBSSs for units 2 & 3 in the needed work area. It is requested that approval be given to raise the ESBSSs for units 2 and 3 beginning on December 13.

**Type of outage required:** Pull ESBSS screens three days early on units 2, 3 beginning on December 13.

**Impact on facility operation:** Operate Units 2 & 3 without intake screens in place three days early

**Dates of impacts/repairs** Intake screens would be removed from units 2, 3 early to allow testing on transformer 1 beginning December 13

**Length of time for repairs** 4 days

**Expected impacts on fish passage** Relatively low impact as very few juvenile salmonids are moving due to cool water temperatures (44.1° F). No to low impact to the few steelhead adults present as passage is presumed minimal at this time.

### **Comments from agencies**

**From:** Jay Hesse

**To:** Setter, Ann L CIV USARMY CENWW (US)

**Subject:** [Non-DoD Source] RE: 18 LGS 25 Short time frame coordination

**Date:** Monday, December 10, 2018 12:00:18 PM

My expectation for these requests/operation changes is for them to have the most accurate description fish impacts as possible. Please modify.

"There is no alternative to engagement except, perhaps, divorce, alienation, separation, enmity, competition, rivalry,

envy, misunderstanding, threats, intimidation and rage - all of which I reject on principle." -  
Roger Cohen, New York Times Oct, 12, 2009.

Jay Hesse

Research Division Director

(208) 843-7145

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

From: Setter, Ann L CIV USARMY CENWW (US) [mailto:[Ann.L.Setter@usace.army.mil](mailto:Ann.L.Setter@usace.army.mil)]  
Sent: Monday, December 10, 2018 11:54 AM  
To: Jay Hesse <[jayh@nezperce.org](mailto:jayh@nezperce.org)>  
Subject: RE: 18 LGS 25 Short time frame coordination  
Jay:  
Thanks for the comment, would you be comfortable with removing "No or" and inserting ""Relatively  
"low""...? or are you happy to just have your comment incorporated?  
Ann

**From:** Jay Hesse  
**Subject:** [Non-DoD Source] RE: 18 LGS 25 Short time frame coordination  
**Date:** Monday, December 10, 2018 11:27:26 AM

Ann - In light of the needed transformer testing, I can live with the early removal of screens at Little Goose dam. However, the "Expected impacts on fish passage" description as "No to low impact as very few juvenile salmonids are moving due to cool water temperatures (44.1° F)" fails to acknowledge the winter movement of juvenile fall Chinook, which can be sizable at times based on past Lower Granite Dam extended operations.

Jay

**From:** Setter, Ann L CIV USARMY CENWW (US)  
**To:** "Tom Lorz"  
**Cc:** FCRPS NWW  
**Subject:** RE: 18 LGS 25 Short time frame coordination  
**Date:** Monday, December 10, 2018 9:05:00 AM

Thanks for the reply, only units that will be available will be 3,4,6 once screens are pulled in units

2,3. We are out of specified unit priority as of Dec 1., and out of mandatory screen installation after

Saturday, December 15.

**From:** Tom Lorz [mailto:[lort@critfc.org](mailto:lort@critfc.org)]  
**Sent:** Friday, December 7, 2018 7:44 PM  
**To:** Setter, Ann L CIV USARMY CENWW (US) <[Ann.L.Setter@usace.army.mil](mailto:Ann.L.Setter@usace.army.mil)>  
**Subject:** [Non-DoD Source] Re: 18 LGS 25 Short time frame coordination  
we are fine with this, might look at changing unit priority if possible to have these units (1-3)last on as needed to reduce issues. We can talk more about that next week. Fine with pullingscreen couple days early.

Tom Lorz  
CRITFC

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

From: Swank, David [mailto:[david\\_swank@fws.gov](mailto:david_swank@fws.gov)]  
Sent: Tuesday, December 11, 2018 5:45 PM  
To: Kovalchuk, Erin H CIV USARMY CENWP (US)  
<[Erin.H.Kovalchuk@usace.army.mil](mailto:Erin.H.Kovalchuk@usace.army.mil)>  
Subject: [Non-DoD Source] comments on 18 LGS 25

Hi Erin,

I have a couple of comments on this MOC. See attached file.

I'll support it (though see my comment below). We should keep in mind that this is another example of steelhead being placed at risk due to their run timing.

I don't think saying "No risk" is appropriate here. We should acknowledge that there is some risk, even if the risk is very low that they would fall back into unscreened turbines. There are usually a few adult

steelhead moving at this time of year. For example, between Dec 13<sup>th</sup> and 15<sup>th</sup> at LGR, 15 were counted in 2017, and 19 counted in 2016.

Dave

**Final results: Approved**

**After Action update:** Little Goose Dam will not remove ESBS screens early. The immediate weather forecast is not conducive to exposing and testing electrical components on the T1 transformer. These components are sensitive to precipitation and testing cannot be conducted under wet or humid conditions. ESBS screens will be removed beginning on December 17 and proposed testing will be conducted at a later date.

Please email or call with questions or concerns.

Thank you,

LGS Project Staff