

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

COORDINATION TITLE- 15TDA09 transformer delivery/installation

COORDINATION DATE- 8 July 2015

PROJECT- The Dalles Dam

RESPONSE DATE- 9 July 2015 (FPOM) NLT 20 July 2015

Description of the problem - The Dalles is undergoing installation of new CO2 fire suppression components and wiring on all units CY cabinets and other circuits for all units. To complete this work, units need to be off for several hours for installation as well as several hours for testing.

Type of outage required – Units 1-4 are on a single CY cabinet, requiring about 2 hours outage for installation on 7/22. A second outage of about 4 hours on 7/23 is required for testing. In addition the fish units require a single outage of about 4 hours to complete. It may not require the additional testing that main units require. This work will be done during night hours during the first week of Aug. Attempts will be made to coincide with the already scheduled ROV grating inspection on 8/4, but may need more time than is required for ROV.

Impact on facility operation – Fish unit and priority main unit outages.

Dates of impacts/repairs – Units 1-4 on 7/22. Fish units on 8/4 or night during first week of Aug.

Length of time for repairs – Total 6 hours for units 1-4. And 4 hours for fish units.

Expected impacts on fish passage –

Upstream migrants – None if coincides with already scheduled ROV work. Minimal if schedule for night fish unit outage.

Downstream migrants – This is during the tail end of the subyearling annual passage. Subyearling passage via sluiceway is ~8% of total passage. Subyearlings do not have as strong attraction to east powerhouse (Unit 1) as spring outmigrants. Operational options are; open unit 5 sluiceways for ~2 days to encompass all work on units 1-4 OR leave sluiceways open on unit 1 for the duration. Opening sluiceways for separate 2 and 4 hour periods are not feasible.

Comments from agencies

CRITFC- -----Original Message-----

From: Tom Lorz [mailto:lorz@critfc.org]

Sent: Friday, July 10, 2015 2:29 PM

To: Mackey, Tammy M NWP

Subject: [EXTERNAL] Re: FPOM: official coordination - MOC 15TDA09 Units 1-4 outage for CO2 rehab (UNCLASSIFIED)

not happy about late notice and messing with Turbine priority, that said we are ok with the proposed outage.

thanks and hail to the chief

tom

NOAA Fisheries - -----Original Message-----

From: Gary Fredricks - NOAA Federal [<mailto:gary.fredricks@noaa.gov>]

Sent: Tuesday, July 14, 2015 3:29 PM

To: Mackey, Tammy M NWP; Cordie, Robert P NWP

Subject: [EXTERNAL] Re: FPOM: official coordination - MOC 15TDA09 Units 1-4 outage for CO2 rehab (UNCLASSIFIED)

Tammy/Bob, I just dug deep enough in my email to find this one. Overall, it looks ok. I do have a bit of confusion over the wording regarding the fish units:

"This work will be done during night hours during the first week of Aug. Attempts will be made to coincide with the already scheduled ROV grating inspection on 8/4, but may need more time than is required for ROV."

What hours are the ROV inspection scheduled for and what hours would the CO2 system work be done if this work doesn't fit in the footprint of the ROV inspection? Thanks, Gary

NWP-TDA Fisheries - -----Original Message-----

From: Cordie, Robert P NWP

Sent: Tuesday, July 14, 2015 3:35 PM

To: Gary Fredricks - NOAA Federal; Mackey, Tammy M NWP

Subject: RE: [EXTERNAL] Re: FPOM: official coordination - MOC 15TDA09 Units 1-4 outage for CO2 rehab (UNCLASSIFIED)

Classification: UNCLASSIFIED

Caveats: NONE

We'll ROV north in morning, so the east will probably be around 1200. If the CO2 work doesn't fit within the ROV time, we'll have them do their work between 8PM and 5AM.

Let me know if that works or anything needs to be changed. Thanks

Final results – completed as coordinated.

Please email or call with questions or concerns.

Thank you,
Bob Cordie

Tammy Mackey
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