

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

COORDINATION TITLE- *13TDA08 fish unit PUD outage*

COORDINATION DATE- 11/6/13

PROJECT- The Dalles Dam

RESPONSE DATE- 11/08/13

Description of the problem- In preparation for this year fishway dewatering below tailwater, bulkhead sills must be checked/cleared of debris. Primary focus is each side of the spillway which often pushes debris into these areas. Any small gravel sized debris under the seal can result in extensive leakage and delays in the dewatering and maintenance schedule. Therefore, project is requesting inspection of the north and south entrance bulkhead sills via ROV and diver if necessary for any large debris removal. The outage date was determined by the very full work schedule of the District ROV staff. It needs to be completed prior to the fishway outage dates.

Type of outage required- PUD turbine out of service on 11/12/13 from ~0900-1100. Fish unit F1 and F2 out of service ~1200-1400. Both fishways will not be out of service simultaneously.

Impact on facility operation- Attraction water will be off for maximum 2 hours per fishway. Entrances will be out of criteria.

Not doing this inspection in mid-November may result in delays in getting the winter maintenance season started by 1 December and maintenance items may not be completed. Specific maintenance includes west entrance grating reattachment, west entrance weir wheel replacement and east exit weir 159-154 rehab and wheel replacement. Amount of available time will dictate how much of this list is accomplished.

Dates of impacts/repairs- 11/12/13

Length of time for repairs- Max 4 hours total.

Expected impacts on fish passage- There has been no recent fish counting at The Dalles during November, so data is limited. Data for The Dalles on Nov 12 from 2003-2007 showed an average of 58 Chinook, 28 Coho and 191 steelhead. Data for Bonneville on Nov 12 from 2007-2012 showed an average of 29 Chinook, 63 Coho and 42 Steelhead. Delays in starting winter maintenance dewatering activities may result in key fish related maintenance items not getting completed during this maintenance season.

Comments from agencies

CRITFC- From: Tom Lorz [<mailto:lort@critfc.org>]

Sent: Wednesday, November 06, 2013 02:51 PM

To: Mackey, Tammy M NWP

Subject: [EXTERNAL] Re: FPOM: Official Coordination 13TDA08 PUD and Fish unit outages (UNCLASSIFIED)
seems ok, I would prefer to have this bumped back a little due to the minimal lighth. An extra hour or two to get the fish in the ladder would be preferred. If this is problem let me know.
Thanks tom,

NOAA Fisheries- From: Gary Fredricks - NOAA Federal [<mailto:gary.fredricks@noaa.gov>]
Sent: Wednesday, November 06, 2013 03:15 PM
To: Mackey, Tammy M NWP
Subject: [EXTERNAL] Re: FPOM: Official Coordination 13TDA08 PUD and Fish unit outages (UNCLASSIFIED)

This kind of sounds like winter maintenance to me. Doesn't that season start in December at TDA?

TDA Fisheries responses

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

From: Cordie, Robert P NWP
Sent: Wednesday, November 06, 2013 3:37 PM
To: Mackey, Tammy M NWP; Tom Lorz
Subject: RE: [EXTERNAL] Re: FPOM: Official Coordination 13TDA08 PUD and Fish unit outages (UNCLASSIFIED)
Classification: UNCLASSIFIED
Caveats: NONE

We can try, but Ricks schedule is pretty tight. He has other work scheduled immediately afterwards. We had to juggle several dates to fit this in. Almost no fish using the north ladder with no spill. By starting the north first and letting east get the AM push of fish, does that take care of the minimal lighth concerns?

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

From: Cordie, Robert P NWP
Sent: Wednesday, November 06, 2013 4:43 PM
To: Mackey, Tammy M NWP; Gary Fredricks - NOAA Federal; Tom Lorz
Subject: RE: [EXTERNAL] Re: FPOM: Official Coordination 13TDA08 PUD and Fish unit outages (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

Preparation for winter maintenance. The maintenance to do list is full. As it stands we will not be able to complete everything I want them to get done. If we wait until Dec for clearing the bulkhead sills, something else will likely have to fall off the to do list.

If we need to wait until Dec and I'll try to adjust the schedule accordingly.

I apologize for the short notice. I thought I sent this one through FPOM already, but mistook for a different one.

Final results-

On 12 November, F1 and F21 were OOS from 1200-1315 and PUD was OOS from 1000-1300. PUD went into bypass at ~1130ish. Found pile of gravel at TDA-N which will be diver removed on 8 January 2014, a week before we dewater TDA-N.

Please email or call with questions or concerns.

Thank you,