

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

**COORDINATION TITLE-** 15TDA07 Tailrace Gantry Crane Rehab

**COORDINATION DATE-** 8 June 2015

**PROJECT-** The Dalles Lock and Dam

**RESPONSE DATE-** 11 June 2015 (FPOM) **Update: 10 March 2016**

**Description of the problem** - The Dalles tailrace crane requires rehabilitation. This involves a new hoist, trolley, cab, gantry drive, platforms, ladders, and conductor support system. The cab will be removed and worked offsite. The legs of the crane will be repainted on site.

The Contractor is allowed to have the Tailrace Gantry Crane out of service for a period of 11 weeks. This outage period has been already scheduled for. The Contractor will remove existing components, install new components, and field test the crane during this period.

All work will occur at west end of powerhouse within 50' of the west fishway entrance and immediately over the collection channel. This is within the limits for required approval per Fish Passage Plan for non-routine work. Excessive vibration/noise beyond norm is not expected.

**Update 2/18/16:** This tailrace gantry crane outage is now being extended to mid-April due to contractor delays. Contractor and subcontractor underestimated shop completion time for rehab of crane components.

**Update 3/10/2016** Cordie provided an update. Contractor is expected to be complete by the end of April.

**Type of outage required** – No outage required.

**Impact on facility operation** – Crane will be out of service 11 weeks during rehab. Noise levels from work are expected to be same as routine maintenance which often occurs in this area. Barriers and containment will be applied to prevent any paint or product from entering fishway.

**Update 2/18/16:** Impact is expected to same as original coordination. Noise levels should not be beyond normal routine maintenance activities.

**Dates of impacts/repairs** – November 16, 2015 to January 29, 2016 complete with testing. **Update: Repairs will be extended to mid-April.**

**Length of time for repairs** – 11 weeks. **Update: ~22 weeks.**

**Expected impacts on fish passage** – None expected.

**Comments from agencies**

**Updated comments from 2/18/16:**

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

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

Sent: Monday, February 22, 2016 11:08 AM

To: Royer, Ida M NWP

Cc: Lorz, Tom; Mackey, Tammy M NWP; Cordie, Robert P NWP

Ida, Overall, I don't see any more issues with this than with the original version. Since the work will be ongoing later in the season, any activities that have the potential to cause vibration/noise beyond "normal routine maintenance" (like placing large pieces of equipment) near the west entrance should be planned outside the peak fish entrance hours to the extent they can. Thanks, Gary

**11 June 2015 FPOM – Approved.** Drains will be plugged during the work and the crane will be secondarily contained. Lorz suggested we watch the counts just to be sure there are not impacts.

**10 March 2016 FPOM -** Fredricks didn't have a lot of concerns and recommended making loud noises outside the times fish would be entering the ladder.

**Final results** – This work may go forward as coordinated. Please email or call with questions or concerns.

Thank you,  
Ida

Ida Royer  
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Columbia River Coordination Biologist  
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