

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

COORDINATION TITLE – 12MCN 002 PSMFC Oregon Ladder pit tags detector

COORDINATION DATE- February 17, 2012

PROJECT- McNary Lock and Dam

RESPONSE DATE- February 23, 2012

Description of the problem: We need to place the Oregon ladder on orifice flow for up to 2 hours on the morning of February 29 in order to replace the PSMFC PIT tag receiving antenna near the counting booth in the upper section of the ladder. In order to perform this work, we will need to reduce the flows into the upper ladder by raising the tilting weirs and going into orifice flow. This would normally not be a problem this time of year, because the Washington ladder would usually be fully operational. However, the electrical crew will have shut off power to the Washington ladder during this time for repair work, meaning that the Washington ladder, although operational, could be out of criteria, as the 7 tilting weirs and the adjustable weir will not be able to adjust to any changes in pool operation.

Type of outage required: The Oregon ladder needs to be placed on orifice flow for up to 2 hours while the Washington ladder is out of criteria during the last day of winter maintenance.

Impact on facility operation: The Oregon ladder fish pumps will remain in operation to supply the 7 lower attraction water diffusers. The gravity supply (Tainter) valve to the 7 upper diffusers will remain open, and the fish ladder exit will continue to flow, as we will not be placing the exit stop logs for this operation. However, placing the adjustable weirs on orifice flow will reduce the flow into the upper sections of the Oregon ladder for up to 2 hours, while the Washington ladder is out of criteria.

Length of time for repairs: Less than 2 hours.

Expected impacts on fish passage: Will significantly reduce fish passage on the Oregon ladder for up to 2 hours, but this will still occur within the maintenance period. The Washington ladder will still be operational, but could be out of criteria, depending on pool elevation.

Comments from agencies:

: Morrill, Charles (DFW) [<mailto:Charles.Morrill@dfw.wa.gov>]

Sent: Friday, February 17, 2012 2:46 PM

Hi Greg,

Another season almost upon us ... J ..

Getting these two tasks done ASAP certainly makes sense !!!!

Charlie

Final results:

Please email or call with questions or concerns.

Thank you,