# Fish Passage Plan (FPP) Change Request Form

**Change Form # & Title**: 18AppD001 – Cooling Strainer Inspection Frequency

**Date Submitted**: 27 June 2017; REVISED per FPOM comments 20 July 2017

**Project**: MCN, IHR, LMN, LGS, LWG

**Requester Name, Agency**: Chris Peery, USACE - NWW

**STATUS**: **APPROVED 7/13/17**

**FPP Section**: Appendix D. Operations for Non-Listed Species (Lamprey, etc.)

**Justification**: Since 2010, NWW projects have been making regular, weekly or monthly inspections of the turbine cooling water strainers to document occurance of juvenile salmonids and Pacific lamprey. Subsequently, we now have seven years of data showing the numbers and timing of juvenile lamprey that collect on the strainers. Prior to conducting these frequent inspections, the strainers would be inspected only when pressures increased (a few times per year) or during non-routine maintenance. From data collected to date, we see that the numbers of lamprey collected in the strainers are low (10 or fewer) by early July, except for McNary where numbers decline about one month later, by August. Looking at the cumulative curves, we see that 90% of the lamprey are typically seem by mid-June. Very few lamprey are observed from July to late December in most years.

**Proposed Change**:

Add the following:

“Inspections of turbine cooling water strainers will be conducted once per month from mid December until mid-June at the four lower Snake River dams, and from mid-December to mid-July at McNary Dam. If measurable numbers of fish are collected during the last sample date in June/July, (10 or more juvenile lamprey), an additional month of inspections should be made.”

**Comments**: (listed oldest to newest)

7/13/17 FPOM: Lorz is good with this but wants to check with McIlraith to make sure; he’ll email if any issues. Peery will add wording to extend sampling if higher abundance of fish in late June, July. APPROVED pending revisions from Peery.

7/20/17 email from Chris Peery:

As discussed during July's FPOM meeting, attached is the FPP change for turbine strainer inspections with verbiage added for making additional inspections if needed.

**Record of Final Action**: Approved 7/13/17 as revised by Chris Peery on 7/20.