

# FPP Change Form

**Change Request Number:** 10TDA005

**Date:** February 5<sup>th</sup>, 2010

**Proposed by:** David Benner, FPC

**Location of Change-** TDA 2.5.1.2.a.4

**Current Language:**

4. A water velocity of 1.5 to 4 fps (2 fps optimum) shall be maintained for the full length of the powerhouse collection channel and the lower ends of the fish ladders that are below the tailwater. Fishway channel water velocities will be measured three times weekly, daily preferred, during adult fish passage (Mar 1 – Dec 1) part of the fishway inspection program. Floats will be timed through all fishway channels that are supplemented by auxiliary water. Results will be provided in the project weekly fishway status report.

**Proposed Language**

4. A water velocity of 1.5 to 4 fps (2 fps optimum) shall be maintained for the full length of the powerhouse collection channel and the lower ends of the fish ladders that ~~are below the tailwater~~ extend downstream of the dam. Fishway channel water velocities will be measured three times weekly, daily preferred, during adult fish passage (Mar 1 – Dec 1) part of the fishway inspection program. Floats will be timed through all fishway channels that are supplemented by auxiliary water. Results will be provided in the project weekly fishway status report.

**Reason for Change:** The original language was confusing. At no point should the water surface of a channel be below tailwater (this would result in a negative head differential). Velocities are measured in the collection channel and in sections of the fishway that extend downstream of the dam.

**Comments from others:**

USFWS- I support the following change forms. I agree that the current language is confusing.

NWP Fisheries- the language is more awkward than the original.

NOAA- The ladders actually do go below tailwater but I don't see any problem with the proposed language.

CRITFC- Might need to discuss but ok with if no one else has a problem  
10TDA005 Ladder can go lower, but so what should be ok

BPA recommends this to be placed on an FPOM agenda for additional discussion

**Record of Final Action:** not approved for 2010 FPP.