

Plan test of fishway John Day south fishway operation during '08 passage season.

One of John Days 3 south fish turbine/pumps will be rehabilitated starting first week of Dec '07. It is expected that 2 remaining fish turbine/pumps can provide near entrance criteria levels with increased RPM operation. The following steps will be tested the last week of Nov '07, to determine exactly how we will have the fishway setup for 2 fish turbine/pump operation;

- 1) Shut down fish turbine to be worked on and increase RPMs of remaining 2 turbine/pumps from lower 50s to upper 50s. Check SE1, NE1/2 differential/weir depth and collection channel velocity.
- 2) If optimal criteria is not achieved, close floating orifice gates at unit 2 and 18. Floating orifice gates at 1 and 19 will remain open. Check entrances and velocity.
- 3) If optimal criteria is not achieved, close NE1 or NE2. Check entrances and velocity.
- 4) If optimal criteria is not achieved, close floating orifice gate at unit 19. Check entrances and velocity.
- 5) If optimal criteria is not achieved, close floating orifice gate at unit 1. Check entrances and velocity.

Closures sequence is based on University of Idaho radiotelemetry results. Variable tailwater elevations will be taken into account during the analysis.