# Fish Passage Plan (FPP) Change Form

**Change Form # & Title**: 23IHR005 – South shore adult fish facility description

**Date Submitted**: December 13, 2022

**Project**: Ice Harbor

**Requester Name, Agency**: Ken Fone, Fishery Biologist, Ice Harbor Dam, USACE

**Final Action: APPROVED 3-FEB-2023**

**FPP Section**: IHR section 1.2.1.2

**Justification for Change**:

To provide clarification on the number of south shore auxiliary water supply pumps that are normally run to meet fish ladder operating criteria

**Proposed Change**: *[edits to existing FPP in track changes]*

**1.2. Adult Fish Facilities and Migration Timing**

**1.2.1.2.** South Shore facilities are comprised of a fish ladder with counting station, two south shore entrances, a powerhouse collection system, and a pumped auxiliary water supply system. The powerhouse collection system includes two downstream entrances and one side entrance into the spillway basin at the north end of the powerhouse, four operating floating orifices, and a common transportation channel. One of the downstream north powerhouse entrances and four of the floating orifices are used during normal operation. At the south shore entrances, one entrance is normally used. The auxiliary water is supplied by eight electric pumps, of which between five and eight are normally used to provide the required flow. Excess water from the juvenile fish passage facilities is routed into the fish pump discharge chamber to provide additional attraction flow. The upper ends of both ladders have PIT-tag detectors.

**Comments**:

**Record of Final Action**: Approved at the FPOM FPP meeting Feb 3, 2023.