# Fish Passage Plan (FPP) Change Form

**Change Form # & Title**: 23LMN005 - Turbine Unit Priority Change

**Date Submitted**: 6-JAN-2023

**Project**: Lower Monumental Dam

**Requester Name, Agency**: Denise Griffith, USACE NWW

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

**FPP Section**: Chapter 4 Lower Monumental, section 4.1 and Tables LMN-5, LMN-6-A

**Justification for Change**: Unit 5 is no longer fixed-blade.

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

4.1. Turbine Unit Priority Order.

**4.1.2.** Unit 1 provides the best fish passage conditions by eliminating the eddy at the juvenile fish loading dock and providing attraction flow to the North adult fish ladder. Therefore, the default priority order for fish passage starts with Unit 1, then proceeds in order from north to south.

Table LMN-5. Lower Monumental Dam Turbine Unit Priority Order.

| **Season** | **Unit Priority Order** |
| --- | --- |
| March 1 – November 30  Fish Passage Season | 1, 2, 3, 4, 5, 6 |
| December 1 – End of February  Winter Maintenance Period | Any Order |

4.2. Turbine Unit Operating Range.

**4.2.1.** Turbine unit flow and power output at the lower and upper limits of the ±1% peak efficiency range, and at the operating limit, are defined in **Table LMN-6**. Turbine units will be operated within these ranges according to *BPA’s Load Shaping Guidelines* (**Appendix C**), as summarized below.



**Comments**:

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