# Fish Passage Plan (FPP) Change Request Form

**Change Form # & Title**: 18AppA001 – Doble Testing Schedule for 2018

**Date Submitted**: December 20, 2017

**Project**: NWW Projects

**Requester Name, Agency**: Corps NWW

**Final Action:** **APPROVED – January 11, 2018**

**FPP SECTION**: Appendix A – Special Project Operations

**JUSTIFICATION**: Adds the Doble testing schedule for 2018 to Appendix A.

**PROPOSED CHANGES**:  *[edits to existing FPP text in track changes]*

1.5. Doble Testing[[1]](#footnote-1)

Transformers at the Lower Snake River projects are required to undergo Doble testing1 every three years to ensure they are functioning correctly and identify any issues that need repair. The testing must be conducted during warm, dry conditions (July–August) and requires an outage of the transformer and associated units. Testing is performed during already scheduled outages to the extent possible and timed to avoid or minimize impacts to fish. The schedule for the current year is defined below in **Table A-1**. For more information, refer to the project-specific sections below and FPP Chapters 2-8.

Table A-1. Doble Testing Schedule in 2018.\*

|  |  |  |  |
| --- | --- | --- | --- |
| **Project** | **2018 Dates for Doble Testing** | **Outage**  **(Transformer/Units)** | **Notes** |
| MCN | Jun 4-8  Jun 11-15  Jun 18-22 | T1 (Units 1-2)  T6 (Units 11-12)  T7 (Units 13-14) | T1 Doble will take both attraction Units 1 and 2 offline at the same time. No choice as the Power Line has to be isolated from T1. |
| IHR | Jul 23-27 | TW5, 6 (Units 5-6) | Unit 5 OOS daily from 0700-1700. Unit 6 already OOS for annual maintenance (Jul 16-Aug 10). |
| LMN | Jul 27–Aug 2 | T2 (Units 5-6) | All units OOS ≤ 4 hrs on first/last day for clearances. T1 (Units 1-4) RTS after clearances. |
| LGS | Aug 6-11 | T1 (Units 1-4) | All units OOS on first/last day. T2 (Unit 6) RTS nightly 1800-0530. |
| LWG | Aug 13-17 | T2 (Units 5-6) | All units OOS daily 0600-1800 for clearances. T1 (Units 1-4) RTS nightly 1800-0600. |

\*BON, TDA, JDA: No specific outage for Doble tests (testing is done concurrent with outages for maintenance).

COMMENTS:

**RECORD OF FINAL ACTION**: Approved at FPOM 1/11/18

1. Common term referring to a power factor test of transformers to measure performance of electrical insulation. *Doble* is a manufacturer of the test equipment. [↑](#footnote-ref-1)