

# FPP Change Form

**Change Request Number: 11 LGS 001: LGS SW operations**

**Date:** March 24, 2010 and revised on March 30, 2010

**Proposed by:** FPAC

**Location of Change-** LGS Section 2.3.1.2

**Proposed Change:**

**Section 2.3.1.2. Fish Passage Period (April 1 through December 15)**

## **g. Spillbay Weir (SW)**

1. Spring fish passage season will start with the SW-LO in place unless the last flow forecast (STP) in March predicts total outflows at Little Goose dam to be less than 43 kcfs for at least one week. If so, begin the spill season with the SW in the high crest position (SW-HI).
2. Change to SW-LO when the flows exceed 43 kcfs and the most recent stream flow forecast projects seasonal flows above 70 kcfs for at least seven consecutive days. This change-over will take place within three normal working days after the above trigger conditions have been satisfied. During this change, the uniform spill pattern will be used. The trigger to change to the SW-LO configuration is further based on the following:
  - a. a review of the juvenile fish passage at Lower Granite and Little Goose dams to prevent changes during a peak in outmigration;
  - b. coordination with regional fish managers.
3. After the spring freshet has passed, the SW-HI will be installed after river discharge falls below 70 kcfs for three days in a row. The SW-LO will not be reinstalled for the rest of the season, even if river discharges subsequently increase above 70 kcfs. The trigger to change to the SW-HI configuration is further based on the following:
  - a. streamflow forecasts indicate continuing lower river discharges;
  - b. a review of the juvenile fish passage at Lower Granite and Little Goose dams to prevent changes during a peak in outmigration;
  - c. coordination with regional fish managers.

This change-over will take place within three normal working days after the above trigger conditions have been satisfied.

4. When daily average discharge drops below 32 kcfs in the summer while the SW-HI is installed and forecasts predict flows to remain below 32 kcfs for at least three days, the SW will be closed for the remainder of the spill season. The SW will be closed within three normal working days and coordinated through CENWW-OD-T.
5. Special turbine unit 1 operations will change from the upper 25% of the 1% of best efficiency range to the full 1% of best efficiency range when project discharge is below 38 kcfs and above 31 kcfs.
6. The uniform spill pattern, with no spillway weir operating, will be used as an alternate pattern when the spillway weir must be closed for any reason, such as when switching from SW-LO to SW-HI, or when the SW is removed from service due to low river flows.

**Reason for Change:**

**FPAC desire to use the surface weir at Little Goose Dam if at all reasonably possible to increase surface passage, and the current FPP change form does not describe operations at flows between 26 to 36 Kcfs.**

**Comments from others:**

**Record of Final Action:**

This FPP change form was discussed via teleconference on March 30, 2010. Representatives from CRITFC, IDFG, ODFW, USFWS, NOAA, BPA, FPC, and the Corps all agreed to this change for 2010 operations during the March 30 teleconference.