

CENWW-ODG

May 5, 2022

**MEMORANDUM FOR THE RECORD: 22 LGS 04 Change in Spill Pattern to Troubleshoot Automatic Adult Fishway Control System**

**SUBJECT: Troubleshooting for repair of failing adult fishway system control (FSC) system**

Background

From 0700-1700 hrs on Wednesday, May 4, spill pattern was slightly changed moving water from spillbay #8 to spillbay #7 to accommodate troubleshooting and repair of FSC system. A faulty FSC system results in not meeting the adult passage criteria defined in the Fish Passage Plan. Regular inspections are carried out by biologists to record channel to tailwater differential, entrance weir depths and many other parameters to ensure the system remains compliant. The FSC system is responsible for automatically moving the weirs as tailrace and forebay conditions change to keep the system in criteria. Electricians cannot open the control panel on the north shore when water is flowing through spillbay #8 because the water spray will damage the electrical components in the panel. The system was successfully restored at 1700 hrs and spill was returned to the normal pattern. Spill Volume remained the same during the work and only pattern was altered.

Sincerely,  
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