

MEMORANDUM FOR THE RECORD:

SUBJECT: 17BON72 - Unit 17 submersible travelling screen (STS) malfunction

Description of the Problem: On 28 June while attempting to remove an STS for fish guidance efficiency (FGE) modifications, the screen failed to retract from its deployed position. The unit was forced out of service at that time. Many methods were attempted to retrieve the screen but none were successful. A dive company was contracted to address the issue. While waiting for the contracting process, unit 17 remained out of service. It is 4th in unit priority. With flows ranging from 116-313 kcfs during the outage window, the result of the unit 17 outage ranged from additional spill to bringing the next priority unit on line. As such, the impact to both adult and juvenile fish should have been minimal. The adult ladder should have been unaffected as there were still operating end units at PH2 for adult attraction. Juvenile fish still had a functional screened bypass and the corner collector operating during the outage. On 24 August following a successful dive repair, the unit was brought back online. The total outage was from 28 June through 24 August.

Sincerely,
Project Fisheries