

MEMORANDUM FOR THE RECORD

SUBJECT: 19JDA08 SFL Turbine Pump #1 OOS

On April 20 at 0505, south fish turbine pump #1 tripped. When the technician arrived at 0600, the south fish ladder was put into one turbine pump criteria per the FPP and a restriction was put on MU1 to keep the eddy out of the SFL entrance. Maintenance crews found a crack in the heat exchanger. After examining the heat exchanger, it was determined that 30 gallons of oil was lost through the diffuser and into the south fish ladder. An oil sheen was not seen. The turbine pump was scheduled to return to service on 23 April but while repairing the heat exchanger, the thrust pump stopped working. A return to service time is unknown at this point.

UPDATE: 26 April

On April 25 at 1120 South fish turbine pump #1 returned to service. North powerhouse entrance weir 1 was lowered to 8 feet below tailwater. The South powerhouse entrance weir was lowered from 6 feet to 8 feet. Floating orifices will be reinstalled in units 1 & 2 on 29 April.

- A. Species –
- B. Origin –
- C. Length –
- D. Marks and tags –
- E. Marks and Injuries found on carcass –
- F. Cause and Time of Death –
- G. Future and Preventative Measures –

Sincerely,
Project Fisheries