

**MEMORANDUM FOR THE RECORD 17 MCN 14**

**SUBJECT:** At approximately 0100 hours this morning (July 7) the side dewatering screen cleaner tripped a timing alarm in the juvenile collection channel. The control room notified the technician on duty. The technician found the side cleaner parked. However, the articulating electrical cord carrier was broken in half a dozen locations and had one loop in it. The technician turned the cleaner off and at 0500 hours notified the biologists. At 0615 hours, the project biologist came in and asked the control room to call in an electrician after overtime was approved. At approximately 0715 hours, the electrician arrived in the channel and repaired the carrier sections. The electrician requested the carrier tray, which the electrical cord travels in, be cleaned. They believe material in the tray worked into the articulating joints, which allowed at least one to break. Once one joint has been broken, other joints can be damaged as the electrical cord in the tray follows the brush. From 0800 to 0845 hours, the fisheries staff washed and brushed down the tray removing miscellaneous material. After checking the channel and juvenile facility, secondary bypass, which was scheduled to begin at 0700 hours, began at 0900 hours. It is always prudent to insure the channel is functional before beginning sample collection.

No fish were lost. No passage of adult or juvenile fish was impeded. The result of the carrier failure was that two hours of secondary bypass for sample collection were missed.

- A. Species – subyearling Chinook are the dominate species/race of juvenile salominds passing, making up 99.6 percent of smolts sampled last week. Very low numbers of adult summer Chinook and sockeye fallback are recorded at the separator at this time with two Chinook jacks and 5 sockeye last week.
- B. Origin – NA
- C. Length – NA
- D. Marks and tags – NA
- E. Marks and Injuries found on carcass – NA
- F. Cause and Time of Death – NA
- G. Future and Preventative Measures – Insure we cleaned the electrical cord carrier tray to start the season and clean the tray periodically during the season.

Sincerely,

Bobby Johnson  
Project Fisheries Biologist  
McNary Lock and Dam