

**MEMORANDUM FOR THE RECORD 17 MCN 08 Unit Priority Change**

**SUBJECT:** Changing unit 2's place in the sequence of unit priority.

**Narrative:** Unit 2 recently returned to service from a thrusting bearing issue. The unit has been running well. However, during the startup sequence we have noticed higher thrust bearing oil pressures than normal. The unit needs to be made last on/last off, which should reduce the number of startups and the risk of having another thrust bearing failure and result in the unit going out of service.

Current unit priority from Table MCN-5, FPP page MCN-25, is units 1, then 14-2 in descending order. Unit 2 has the lowest priority.

We would like to change that to units 1 and 2, then 14-3 in descending order. Unit 2 would have the same priority as unit 1.

The Operations and Maintenance Chiefs will schedule a unit 2 outage for July for one to two weeks. The unit will come down, be taken apart, the thrust bearing orifices will be examined, the unit will be put back together and re-commissioned.

Once the pressure issue is resolved, unit 2 will be returned to its normal position in the unit priority schedule.

Flow to the juvenile bypass outfall should not be affected. Spill will not be affected. Attraction flow to the Oregon ladder entrances will not be affected. With current projected flows, the saw tooth unit pattern for temperature abatement should not be adversely affected. Juvenile and adult salmonid and lamprey passage should not be adversely affected.

- A. Species – No fish should be lost.
- 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 – Such unforeseen conditions are beyond the projects staff's control.

Sincerely,  
Bobby Johnson

McNary Project Fisheries