

MEMORANDUM FOR THE RECORD: 23 LGS 05: Unit Priority Deviation, Unit 5 Roof Top Hatch Repair

SUBJECT: Temporary Priority Unit Deviation for Emergency Removal and Repair of Roof Vent Cover

Background

A damaged roof top vent cover or “doghouse” was discovered the morning of April 13, 2023. Presumably resulting from wind damage, the unit was found knocked out of position and risked coming completely loose. The cover lodged at an angle that posed a serious threat of intrusion into the interference zone of the 500kV BUS work, presenting a significant safety hazard. An emergency full line outage was immediately coordinated in order to remove the errant doghouse cover and avoid catastrophic system failure.

Units 1,2,3,4, and 6 were forced into outage at 1200 hours on April 13 with Unit 5 remaining in “out of service” (OOS) status under the current GE repair contract. The powerhouse and JFF was placed on emergency diesel generation (EDG).

The incident resulted in FPP deviations of approximately four and three-quarter (4.75) hours of spill and unit priority operations. These actions affected fish entrance attraction flow at all 3 entrance locations and may have resulted in fish passage delays. Work was completed on April 13, all units except for Unit 5 were placed back into service at 16:47, and operations resumed within FPP unit priority.

- A. Species – Adult steelhead *Oncorhynchus mykiss*, and Chinook salmon *O. tshawytscha*
- B. Origin – Hatchery, Wild
- C. Length – N/A
- D. Marks and tags – N/A
- E. Marks and Injuries found on carcass – N/A
- F. Cause and Time of Death – N/A
- G. Future and Preventative Measures – N/A



Sincerely,
Deborah L. Snyder
Project Fish Biologist
Little Goose Lock and Dam
(509) 404-3263
deborah.l.snyder@usace.army.mil