

**MEMORANDUM FOR THE RECORD 24LGS01 Delayed Start of Surface Spill****SUBJECT: Delayed Start of Surface Spill**

A variable frequency drive for the ASW at Little Goose Dam failed during electrical startup Monday, 26 February. A new unit was found and purchased and overnighed to the project. The unit was installed on 29 February but issues with the programming could not be resolved. A contractor was able to load the correct programming and returned the ASW to operational status at 1540 hours the afternoon of 1 March. Pursuant to RCC guidance contained in CBT LGS R 022924 1647 paragraph 1.D, the 4 hours of scheduled spill for 1 March did not occur prior to 1500 hours and 8 hours of surface spill were performed 2 March. The potential impacts were for any adult steelhead that would have passed through the ASW 1 March would have instead passed the dam via turbines, bypass system, or been delayed until 2 March. The adult channel and ladder (bypass system) were fully commissioned with auxiliary watering pumps brought online 28 February.

- A. Species – Adult steelhead
- 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 –

*Include photos if available.*

Sincerely,  
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