

MEMORANDUM FOR THE RECORD 20 LGS 04 Unit 6 Testing**SUBJECT: Little Goose Unit 6 Operational Testing**Background

Little Goose Unit 6 tripped offline due to the XJ breaker opening on April 04 at 05:21. The Unit was placed back in service on April 05 and April 13 and tripped offline on both occasions. Little Goose staff have made various attempts to troubleshoot components associated with the Unit 6 XJ breaker to determine the cause.

Unit priority for Little Goose was Units 1, 6, 2, 3, 4, 5 from April 03 through June 20, as outlined in the Fish Passage Plan (FPP, Chapter 8, Table LGS-5). However, a Memorandum of Coordination (MOC) was recently approved which outlined minimum generation for Unit 1 as well as changed Unit priority to Units 1, 2, 3, 4, 5, 6. The MOC (20 LGS 03) was approved and placed into effect on April 16, 2020. The Columbia River Teletype (CBT) was sent to Little Goose at approximately 17:10.

Little Goose operated Unit 6 outside of Unit priority, outlined above, at speed no load on multiple occasions to troubleshoot tripping malfunction associated with the XJ breaker. While operational testing is allowed for up to 30 minutes (FPP, Chapter 8, 4.3.6. Operational Testing), Unit 6 was operated on multiple occasions for periods exceeding 30 minutes (Table 1).

Table 1: Little Goose Unit 6 dates and times for operational testing.

Date	Start	Stop	Operation Type
April 13	13:15	13:53	Generating
April 14	15:49	16:07	Speed No Load
April 16	11:23	13:31	Speed No Load
April 23	04:07	11:58	Speed No Load
April 24	04:03	11:52	Speed No Load
April 25	03:58	12:07	Speed No Load
April 26	03:57	11:58	Speed No Load
April 27	04:01	10:07	Speed No Load

Path Forward

Little Goose will need to operate Unit 6 at load to further troubleshoot the tripping malfunction with the XJ breaker. This work will be coordinated through a MOC prior to any additional testing.

Estimated mortalities by species, and origin:

- A. Species – N/A
- B. Origin – N/A
- 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,
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