

Fish Passage Plan (FPP) Change Form

Change Form # & Title: 25JDA001 – Clarification on Unit Priority
Date Submitted: December 10, 2024
Project: John Day Lock and Dam
Requester Name, Agency: Miller, David - USACE/ODJ
Final Action:

FPP SECTION: Chapter 4 (JDA) section 4.1 “Turbine Unit Priority”

JUSTIFICATION FOR CHANGE: Unit priority guidelines are spread throughout the FPP making it difficult for novice FPP users to fully understand how unit priority is intended to function. JDA would like to revise the FPP to have all unit priority information in one location. Currently important information is spread throughout different sections....

- In section 3.1.4 “Routine Maintenance - Turbines and Spillbays” the very last sentence says “Units 1, 2, and 5 should not be scheduled for maintenance during fish passage season”.
- In section 3.2.3.1 “Non-Routine Maintenance” it states, “Whenever Unit 1 is not operating, operate Unit 2 for adult attraction”.
- In section 4.1 “Turbine Unit Priority” it states, “If a unit is out of service for maintenance or repair, the next unit in the priority order shall be operated”. However, in the unit priority table (JDA-6) if unit 1 is down the next unit online would be unit 3, with unit 2 towards the end of the list. This is a contrary statement to 3.2.3.1 (listed above).

JDA doesn’t propose removing any of the verbiage, but instead would like to take the statements listed from section 3.2.3.1 and from section 3.1.4 and include them within section 4.1 “Turbine Unit Priority Order”. The proposed revision would be as shown below in track changes.

Additionally, the unit priority in Table JDA-6 states “with TSWs” and “No TSWs”. The unit priority doesn’t clearly state what the unit priority should be with only 1-TSW. In the past this wasn’t an issue, but now JDA is opening 1-TSW in late March (leaving the other one closed). In order to clear up any confusion, the terminology should read “with any TSW spill” and “No TSWs”.

PROPOSED CHANGE: *Edits to existing FPP text in “track changes”.*

4.1. Turbine Unit Priority Order

4.1.1. Turbine units will be operated in the order of priority defined in **Table JDA-6**, including time during synchronous condensing. [Whenever Unit 1 is not operating, operate Unit 2 for adult attraction. If a unit is out of service for maintenance or repair, For all other unit outages,](#) the next unit in the priority order shall be operated. [Units 1, 2, and 5 should not be scheduled for maintenance during fish passage season.](#) Unit priority order may be coordinated differently for fish research, construction, or project maintenance.

Table JDA-1. John Day Dam Turbine Unit Priority Order.

Season	Unit Priority Order*
March 1 – November 30 Fish Passage Season	With any TSW spill : 5, 1, 3, 16, 14, 12, 10, 8, 15, 2, 11, 7, 4, 13, 9, 6 No TSW spill (both TSWs closed) : 1–4 any order, then 5–16 any order
December 1 – end of February Winter Maintenance Period	Any Order

**[When a main unit is not available, When Unit 1 is not operating, operate Unit 2 for adult attraction. For all other main unit outages,](#) the paired adjacent unit will be used to comply with requested priority.*

COMMENTS:

RECORD OF FINAL ACTION: