

Change Request Number: 11JDA001

Date: 11/1/2010

Proposed by: JDA Fisheries

Location of Change: JDA 5. Turbine Unit Operation and Maintenance

Proposed Change:

5. Turbine Unit Operation and Maintenance. Unit operating priority is shown in **Table JDA-5**, including that time when synchronous condensing occurs. Unit maintenance schedules will be reviewed by project and district biologists for fish impacts.

Table JDA-5. Turbine unit operating priority for John Day Dam.

Season	Time of Day	Unit Operating Priority
<u>Fish Passage Season Without TSWs</u> March 1 through April 9 November	24 hours/day	1-4 in any order then 5-16 in any order.
<u>Fish Passage Season With TSWs</u> April 10 through July 20	<u>24 hours/ day</u>	<u>5,1,3,16,14,12,10,8,15,2,11,7,4,13,9,6</u>
<u>July 21 through November 30</u>	<u>24 hours/ day</u>	<u>1-4 in any order then 5-16 in any order.</u>
<u>Winter Maintenance Season</u> December 1 through February	24 hours/day	any unit

[*When a main unit isn't available, the paired "sister unit" will be used to comply with the requested priority.](#)

Reason for Change: The purpose for JD unit priority without TSWs is for adult attraction to the JD SE-1 entrance and flushing the SMF outfall, therefore it calls for the south end units, MU1-4 first. The purpose for JD unit priority with TWSs is dual; it starts with providing adult attraction to JD SE-1 with MUs 5,1,3 first and then jumps over to MUs 16,14,12,10,8 for a delivery of juveniles to TSWs located at spillway bays 19 & 18.

Comments from others:

NOAA Fisheries- Some questions need to be answered before we can agree with this one. The reason for this change is weak and partially incorrect. The unit priority with or without TSWs also has to support egress flows from the juvenile bypass system during the full juvenile passage season. Where did the new priority come from and is it the priority used last year?

JDA Fisheries- Regarding the 2011 FPP's JD unit priority form change; the JD unit priority for TSWs had been developed in conjunction with the JD TSW modeling/design program. Mr. Sean Askelson was the team leader involved and it was approved a couple years ago when the JD TSW testing program had been accepted by the Region. It has been in place for the last two years, but it was lacking FPP update due to a simple oversight.

The JD unit priority with TSWs is not really difficult to follow, it simply divides/balances water inflow from the forebay between the south end (MUs 1-4, for adult attraction to SE

entrance) and north end (MUs 16-14, for delivering of juveniles to area close to TSWs) of powerhouse.

USFWS- Support if explanation is verified, otherwise more FPOM discussion is needed. So what has the project been referring to when following unit priority if this was not written in the FPP? You're saying this was approved two years ago but never initiated?

| **Record of Final Action: approved 21 January 2011 with the additional changes.**