

MEMORANDUM FOR THE RECORD

SUBJECT: 17BON27 MFR – Unit 6 priority rescheduling

The slip-ring of Unit 6 PH1 is “out of round”. This causes uneven wear and needs to be addressed. Bonneville is moving unit 6 to last in the unit priority order, in order to minimize wear, until the scheduled unit outage in October of this year. This will avoid a forced unit outage. The current Priority Table is below.

Table BON-13. Bonneville Dam Turbine Unit Operating Priority Order.

PERIOD / OPERATION	PRIORITY *
Year-Round:	PH2: 11, 18, 12, 17, 13, 14, 15, 16,
Fish Ladders in service; PH1 Ladder out of service	Then PH1: 1, 10, 3, 6, 2, 4, 5, 8, 7, 9
PH2 Fish Ladder out of service	PH1: 1, 10, 3, 6, 2, 4, 5, 8, 7, 9,
	Then PH2: 11, 18, 12, 17, 13, 14, 15, 16
Split Flows	PH1: 1, 10 (or top two available PH1 priority units),
(section 2.1.3)	Then PH2: 11, 18, 12, 17, 13, 14, 15, 16,
	Then PH1: 3, 6, 2, 4, 5, 8, 7, 9
PH1 Unit Priority	1, 10, 3, 6, 2, 4, 5, 8, 7, 9
PH2 Unit Priority	11, 18, 12, 17, 13, 14, 15, 16

Sincerely,
Project Fisheries

Comments:

-----Original Message-----

From: Tom Lorz [mailto:lort@critfc.org]

Sent: Monday, July 03, 2017 10:39 AM

To: Gary Fredricks - NOAA Federal <gary.fredricks@noaa.gov> <gary.fredricks@noaa.gov>; Hausmann, Benjamin J CIV USARMY CENWP (US) <Benjamin.J.Hausmann@usace.army.mil>

Cc: Kovalchuk, Erin H CIV USARMY CENWP (US) <Erin.H.Kovalchuk@usace.army.mil>; Trevor Conder <Trevor.Conder@noaa.gov>

Subject: RE: [Non-DoD Source] Re: FPOM: Official Coordination 17BON27 MFR unit 6 priority

I don't mind Gary's idea actually like it but concerned that it will need to be monitored to some degree as forebay fluctuations affect sluiceway ops. If we move to a non automated gate can we make sure

some looks at the sluiceway once a day to make sure the sluiceway is not flooded out and the gate can be adjusted.

Thanks

Tom lorz

CRITFC

From: Gary Fredricks - NOAA Federal <gary.fredricks@noaa.gov> [mailto:gary.fredricks@noaa.gov]
Sent: Thursday, June 29, 2017 3:06 PM
To: Benjamin J CIV USARMY CENWP (US) Hausmann <Benjamin.J.Hausmann@usace.army.mil>
Cc: Erin H CIV USARMY CENWP (US) Kovalchuk <Erin.H.Kovalchuk@usace.army.mil>; Tom Lorz <lorz@critfc.org>; Trevor Conder <Trevor.Conder@noaa.gov>
Subject: Re: [Non-DoD Source] Re: FPOM: Official Coordination 17BON27 MFR unit 6 priority

Just a thought for now. I'd like to see what the other FPOM folks think. Just wanted to see if there was any problem with the mechanics of doing this. Thanks!

On Thu, Jun 29, 2017 at 2:45 PM, Hausmann, Benjamin J CIV USARMY CENWP (US) <Benjamin.J.Hausmann@usace.army.mil <mailto:Benjamin.J.Hausmann@usace.army.mil> > wrote:

We can do that if you like, Gary. Opening the fixed gate at 7 and swapping priority positions is easy if that's preferred.

Ben

-----Original Message-----

From: Gary Fredricks - NOAA Federal [mailto:gary.fredricks@noaa.gov <mailto:gary.fredricks@noaa.gov>]
Sent: Thursday, June 29, 2017 1:11 PM
To: Hausmann, Benjamin J CIV USARMY CENWP (US) <Benjamin.J.Hausmann@usace.army.mil <mailto:Benjamin.J.Hausmann@usace.army.mil> >; Kovalchuk, Erin H CIV USARMY CENWP (US) <Erin.H.Kovalchuk@usace.army.mil <mailto:Erin.H.Kovalchuk@usace.army.mil> >
Cc: Lorz, Tom <lorz@critfc.org <mailto:lorz@critfc.org> >; Trevor Conder <Trevor.Conder@noaa.gov <mailto:Trevor.Conder@noaa.gov> >
Subject: [Non-DoD Source] Re: FPOM: Official Coordination 17BON27 MFR unit 6 priority

Not a big deal later in the season when the unit would normally be off, but at the flows we have now, this will take the unit under open sluice gate 6C out for a period when it should be on and providing attraction flow to the sluiceway. Any thoughts on moving the open gate to unit 7 and bumping that unit up in priority to where 6 was? It wouldn't be an automatic gate but we could set it at a mid level, say ~71' and see how it works (physically, not biologically). I normally wouldn't worry too much about this but we still have the peak of the subyearling outmigration ahead of us in a week or so.