

FPP Change Form

Change Request Number: 10BON016

Date: February 5th, 2010

Proposed by: David Benner, FPC

Location of Change- Table BON-9

Current Language:

Table BON-9. Bonneville Dam first powerhouse weir gate requirements.

Weir Gate Submergence Requirement Differential Requirement Sill Elevation

1 >8' 1'-2' 8.5'

2 >8'* 1'-2' 2'

64 8'-8.4' 1'-2' 2'

65 8'-8.4' 1'-2' 8.5'

* When tailwater is <13.5', the 8' submergence requirement can not be satisfied.

Proposed Change:

Table BON-9. Bonneville Dam first powerhouse weir gate requirements.

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* When tailwater is <13.5', the 8' submergence requirement can not be satisfied [due to pressure limitations on the AWS Conduit.](#)

Reason for Change: The original footnote says that at tailwaters of less than 13.5 feet, the 8 ft submergence criteria cannot be met at weir gate #2. The Table shows the sill elevation of weir gate #2 is 2 feet; with no further information, one would assume that the 8 ft submergence would not be able to be met at tailwaters less than 10 ft, not 13.5 ft. The COE pointed out in Agenda Item #10 of the Feb 4th, 2010 FPOM Meeting that at tailwaters of less than 13.5 feet, the 8ft submergence requirement cannot be met due to pressure limitations on the AWS conduit.

Comments from others:

USFWS- I support the following change forms.

BON Fisheries- appears to be ok.

NOAA- Ok with the proposed changes.

CRITFC- agree with.

BPA has no concerns.

Record of Final Action: approved via email 2/12/2010