

**MEMORANDUM FOR THE RECORD**

**SUBJECT: 17BON06 MFR – Avian line installation**

**Description of the problem**

Bonneville Dam currently has no avian line arrays installed in its tailraces. The array in the spillway and B2CC tailrace was taken down for B-Branch erosion work during the winter maintenance period. The other arrays (PH2, PH1) broke during the ice storms this winter. In order to safely replace the lines, our structural crew requires reduced flow at the facility they are working under. This work has already been postponed due to other emergency work (Cascades Island entrance bay repairs), and high river flows. We would like to do this work at the soonest possible safe operational window, river flow dependent.

**Type of outage required –**

B2CC array- Corner collector closure and spillway closure

Spillway array- Spillway closure

PH1- Reduced load, ice and trash sluiceway closure

PH2- Reduced load

**Impact on facility operation -**

-The B2CC is not currently required open, but we anticipate hitting the kelt trigger for it shortly.

-At both power houses, unit load may be reduced to provide safe working conditions work boats in the area.

-Adjusted spill

**Impact on unit priority- Varied**

**Impact on forebay/tailwater operation – Varied**

**Impact on spill –** Spill will be reduced or increased depending on the work area.

**Dates of impacts/repairs:** 20 March – 10 April 2017

**Length of time for repairs:** Each section of arrays is anticipated to take approximately two days. The project welcomes input on priority of re-installation but all work is condition dependent as mentioned above.

**Comments from agencies**

Please email or call with questions or concerns.

Thank you,

Ben Hausmann

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