

FPP Change Form

Change Request Number: 10BON018

Date: February 5th, 2010

Proposed by: David Benner, FPC

Location of Change- BON 4.3.2.1c4

Current Language:

4. If all auxiliary water systems fail or malfunction, close the NUE, SUE, and SDE and raise the NDE weir crest to 6' below tailwater with the floating orifice gates open. Maintain this configuration until the system is repaired. While under this configuration, power generation at Powerhouse Two will be minimized to the extent practicable to reduce fish attraction into this area unless Powerhouse One facilities are dewatered.

Proposed Change:

4. If all auxiliary water systems fail or malfunction, close the NDE and SDE and floating orifice gates (if longterm outage). Operate both SUE and NUE to extent possible while still maintaining a minimum of 1 ft head differential. If a minimum of 6ft gate depth cannot be maintained at both SUE and NUE with a minimum of 1 ft of head differential- then close SUE and block collection channel (if possible) and operate NUE to maximum depth possible while still maintaining at least 1 ft head differential at NUE. While under this configuration, power generation at Powerhouse Two will be minimized to the extent practicable to reduce fish attraction into this area unless Powerhouse One facilities are dewatered.

Reason for Change: Under a long term outage, floating orifice gates should be closed to provide more water at other main entrances. The upstream entrances are closer to operating units, the attraction benefit from these units would be greatest at the upstream entrances.

Comments from others:

USFWS- I think these change forms need more discussion at FPOM.

BON Fisheries- Bon 18 is not realistic. Bon 18 should remain as current language. NDE is the most efficient entrance, according to the data, and the rest is speculation, unless there is data out there to support this. We have not seen it and the assumption of what can be achieved at the entrances is not valid.

CRITFC- need to discuss but might ok with

NOAA- 10BON018 Makes sense, and this has been recommended in the past. Needs discussion in FPOM and a review of adult approach and passage differences between the upstream and downstream entrance gates.

BPA has no concerns

Record of Final Action: Not approved for 2010 FPP.