

1 Q. Re: Burnt Spillway Refurbishment Volume II (Tab 6)

2 At page 10, at Appendix B, it states that a full condition assessment for repairs can
3 only be developed on completion of a site inspection and a detailed shop
4 disassembly and inspection. How long will such an inspection take? Is the budget
5 estimate in terms of hours found at Appendix B, 4.0, page B-24 still assumed to be
6 accurate?

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9 A. Using person hour estimate information provided by Weir on page B24 of the
10 report, it is estimated that a full condition assessment including disassembly and
11 detailed inspection of hoisting machinery for both gates will take 804 person hours.
12 This estimate includes: 1) contractor mobilization; 2) equipment removal and
13 transportation to Weir service center; 3) equipment disassembly and full condition
14 assessment; 4) equipment reassembly and functional test; 5) return transportation
15 and reinstallation of equipment; and 6) reporting. It is anticipated that the
16 budgetary person hours provided by Weir related to completing a detailed
17 inspection of the hoisting machinery are realistic. However, it is expected that a
18 three-month time period will be required to complete all activities associated with
19 the inspection work for both gates, from the time the first gate is taken out of
20 service, to when all work is complete and the second gate is returned back in
21 service.

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23 If refurbishment work does not take place during the same visit to the repair shop
24 as when the detailed inspection is completed, but deferred to some time in the
25 future during another visit to the shop, then there will be redundant person hours
26 incurred related to removal from site, transport to the repair shop, disassembly, re-
27 assembly, transport back to site, reinstall and commissioning. The redundant

1 person hours is estimated to be 644. However, it is expected that a four-month
2 time period will be required to complete all activities associated with the
3 refurbishment work for both gates, from the time the first gate is taken out of
4 service, to when all work is complete and the second gate is returned back in
5 service.