

1 Q. CE-13 page 156 discusses modified Churchill Falls operation to assist in lowering the
2 construction design floods. Will there be a cost to CF associated with this and has it
3 been accounted for (associated with the loss of generation from Churchill Falls)?
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6 A. CE-13 (Public) page 156 discusses the possibility of reducing output at Churchill Falls
7 during peak flood periods to assist in lowering maximum diversion flow
8 requirements. This study was based on a scenario where Muskrat Falls was
9 constructed after Gull Island. In 2011, the diversion flow requirement at Muskrat
10 Falls, where Muskrat Falls is constructed before Gull Island, was reviewed based on
11 updated hydrological data. Based on Canadian Dam Association guidelines, the
12 construction design flood for Muskrat Falls was determined to be $5,890 \text{ m}^3/\text{s}$ ¹,
13 including flow from the Churchill Falls plant. The Muskrat Falls spillway discharge
14 capacity was, therefore, set at $5,890 \text{ m}^3/\text{s}$ and, consequently, there is no
15 requirement to reduce production at Churchill Falls during the flood period.

¹ CE-23 (Public), page 16