Attachment 1: Unit 2 Contingency Usage – 2016 to 2020

Period	Balance ($M)		Major Critical Path (CP) Activities in Period / Contingency Uses
2016 Oct to 2017 Dec	Start:	677.5	**Segments 1 and 2: Defuelling, Containment Isolation and Reactor Disassembly** • **Major CP Activities:** Defuelling, Installation of Bulkheads, Remove Fuelling Machine Bridge and Installation of Retube Tooling Platforms, Feeder Cabinet and Feeder Removal, Severing of Pressure Tubes and Bellows • Disbursements of Contingency Included: Increases to waste management costs; critical path delays; additional funding for breathing air work; increased execution oversight
	Amt. Used:	105.6	
	End:	571.9	
2018 Jan to 2018 Dec	Start:	571.9	**Segment 2 Completed/Segment 3 Starts: Reactor Disassembly / Reassembly Begins** • **Major CP Activities:** End Fittings Removal, Pressure and Calandria Tube Removal, Inspections, Bellows Inspections an Replacement, Calandria Tubes Installed; Upper Feeder Installation was proceeding off-critical path • Disbursements of Contingency Included: Increased costs for Owner Supplied Materials; Balance of Plant Major Work Bundle schedule delays; Moderator / Lower Pressure Service Water / Shutdown Cooling Valve rehabilitation; increased radiation personal protective equipment (PPE) and other PPE costs
	Amt. Used:	207.7	
	End:	364.2	
2019 Jan to 2019 Dec	Start:	364.2	**Segment 3 Completed/Segment 4 Starts: Reactor Reassembly Completed/Refuelling** • **Major CP Activities:** Fuel channels installed, Lower feeders installed; Fuel loaded; Scaffolds removed; Retube Tooling Platform removal begun; Upper and Middle Feeder Installation proceeded off-critical path for majority of installation period • Disbursements of Contingency Included: Re-alignment of Retube and Feeder Replacement Major Work Bundle budget mainly due to critical path delays caused by feeder installation challenges
	Amt. Used:	329.5	
	End:	34.6	
2020 Jan to 2020 Oct[1]	Start:	34.6	**Segment 4 Completed: Plant Restoration and Start-up** • **Major CP Activities:** Completion of Retube Tooling Platform Installation; Fuelling Machine Bridge Installation; Removal of Shielding; Closure of Airlocks; Bulkhead Removal; Heat-up and Hot Conditioning; Lower Power Escalation; Run-up to Full Power and Synchronize to the grid • Uses of Contingency Included: Critical Path delays, additional PMT costs during schedule extension, increased interest costs due to schedule extension.
	Amt. Used:	34.6	
	End:	0.0	

See Notes to Attachment 1 on following page.

Notes to Attachment 1:

1. Unit 2 returned to service on June 4, 2020; however, due to on-going closeout activities, contingency usage period extends beyond that date.
2. As the Unit 2 refurbishment outage began on October 15, 2016, the 2.5 month period in 2016 is combined with the year 2017.
3. While the focus is on critical path activities, contingency is also disbursed for non-critical path work. Contingency disbursements do not necessarily align with the derived contingency usage in a particular period, as contingency is disbursed when the risk is recognized. When contingency is actually expended may be in a different time period from when it is disbursed