

## AECL DETAILED ACTION PLAN

### to the recommendations of Report 6—Management of Low and Intermediate Level Radioactive Waste of the 2022 Reports 6 to 10 of the Commissioner of the Environment and Sustainable Development

Report Ref. No.	OAG Recommendation	Departmental Response	Description of Final Expected Outcome /Result	Expected Final Completion Date	Key Interim Milestones (Description/Dates)	Responsible Organization/ Point of Contact (Name, Position, Tel #)	Indicator of Achievement (For Committee Use Only)
6.31	6.31 Atomic Energy of Canada Limited should have effective controls in place to ensure its radioactive waste inventory database is accurate.	<p><b>Agreed.</b> Atomic Energy of Canada Limited notes that no inaccuracies found in the eMWaste database had any impact on the inventories reported to Natural Resources Canada as part of the Inventory of Radioactive Waste in Canada 2019 Report. Atomic Energy of Canada has been working with our contractor, Canadian Nuclear Laboratories on improving the accuracy of the radioactive waste database. Since the end of the audit period, Canadian Nuclear Laboratories has brought international expertise to support its staff to review and verify the existing records, as well as improve the quality controls over the data entry. Specifically, Canadian Nuclear Laboratories is conducting a 100% review of the waste records since 2018, which will conclude by August 2022, as well as applying a graded review of records generated between 2015 and 2018 by December 2022.</p> <p>To strengthen our controls over the radioactive waste database, Atomic Energy of Canada continues to oversee the verification of the database as well as Canadian Nuclear Laboratories' improvement plan to strengthen the process of entering and verifying waste data into the eMWaste database. To supplement the triennial reporting to Natural Resources Canada and</p>	Canadians will have increased confidence in the information reported by AECL (and CNL) on the data for radioactive waste inventories.	December 31, 2022	<p><u>Milestone #1:</u> AECL to increase regular oversight over CNL to ensure progress is made on the accuracy of the database and the data entry controls. (June 30, 2022)</p> <p><u>Milestone #2:</u> AECL to oversee CNL's international expert review of the data entry process and the implementation of the associated recommendations (October 31, 2022)</p> <p><u>Milestone #3:</u> Complete 100% review and verification of eMWaste data from 2021 March to present (August 31, 2022)</p> <p><u>Milestone #4:</u> Complete 100% review and verification of eMWaste data from 2018 to 2021 March (August 31, 2022)</p> <p><u>Milestone #5:</u> Complete graded review and verification of eMWaste data from 2015 September to 2018 (December 31, 2022)</p>	AECL/Alastair McDonald VP, Decommissioning and Waste Management Oversight 1-343-303-0509	

		enhance transparency, starting in 2023, Atomic Energy of Canada will report nuclear waste inventories on its website, to show progress on addressing its radioactive waste inventory.			[NOTE: for the milestone related to supplementing the triennial reporting, see Milestone #3 below.		
6.36	6.36 Atomic Energy of Canada Limited should ensure that its public reporting clearly aligns its plans and activities with how it is addressing historic and legacy waste. For increased transparency, these reports should include monitoring activities and timelines.	<b>Agreed.</b> Atomic Energy of Canada Limited will develop additional webpages on our website that will explain to Canadians the linkage between our reported waste inventories and the progress we are making on managing our waste, by 2022. These pages will include information on monitoring activities and forecasted timelines to place the waste in modern disposal or long-term waste management facilities.	Canadians will be able to access the AECL website to clearly see the activities and timelines associated with AECL's management of our historic and legacy nuclear waste inventories.	June 30, 2023	<p><u>Milestone #6:</u> Richer media (including video), on AECL nuclear waste management will be launched on social media (October 31, 2022).</p> <p><u>Milestone #7:</u> Updates to AECL's website to clearly see the activities and timelines associated with AECL's management of our historic and legacy nuclear waste inventories (December 31, 2022).</p> <p><u>Milestone #8:</u> AECL's website to begin annual reporting of AECLs nuclear waste inventories, starting with the data at the end of 2022 (June 30, 2023).</p>	AECL/Jason Cameron VP, Indigenous and Stakeholder Relations 1-613-327-2135	