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## Browns Range Project Statement on Radioactivity

The Browns Range Project ore contains naturally occurring uranium (U) and thorium (Th) up to approximately 20ppm and 25ppm respectively. These concentrations of U and Th are below the threshold for classification as a radioactive material according to the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) and the International Atomic Energy Agency (IAEA).

ANSTO has conducted a radionuclide department assessment and found that during processing of the ore, radionuclides in the U and Th decay chains concentrate in various process streams including the beneficiation mineral concentrate and some hydrometallurgical liquor streams and residues.

All process waste streams will be combined and disposed of as tailings which contains radionuclides in approximately the same concentrations as in the ore. The tailings are therefore not classified as a radioactive material according to ARPANSA and the IAEA. The final mixed rare earth product will have no special transport requirements.

To ensure the health and safety of employees, the Company currently has a Radiation Management Plan (RMP) in place. In the event that the Browns Range Project proceeds to implementation, this RMP will be updated to ensure radiation protection controls in the processing plant are in place to ensure that the potential doses to workers remains very low.



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