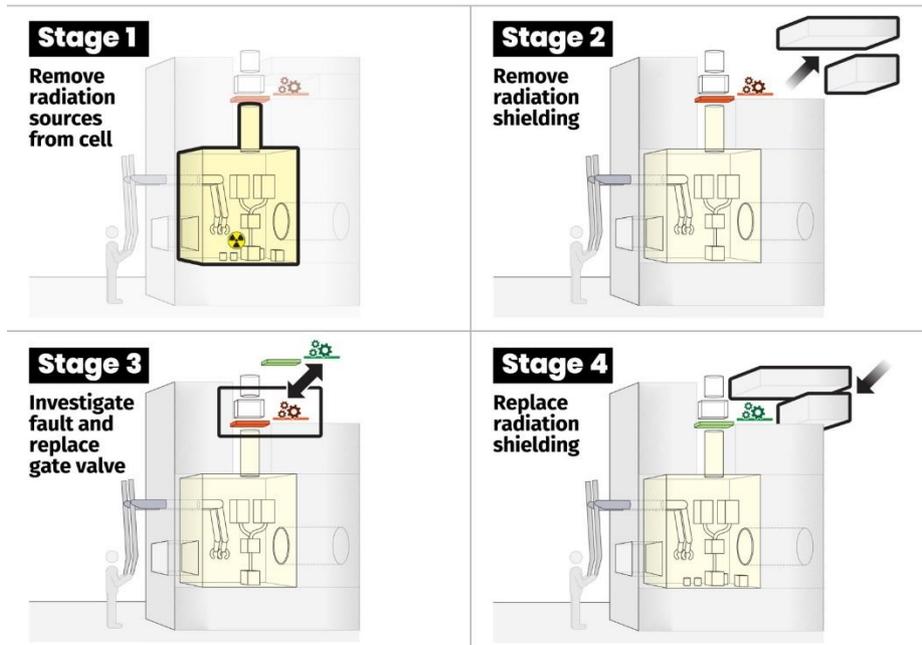
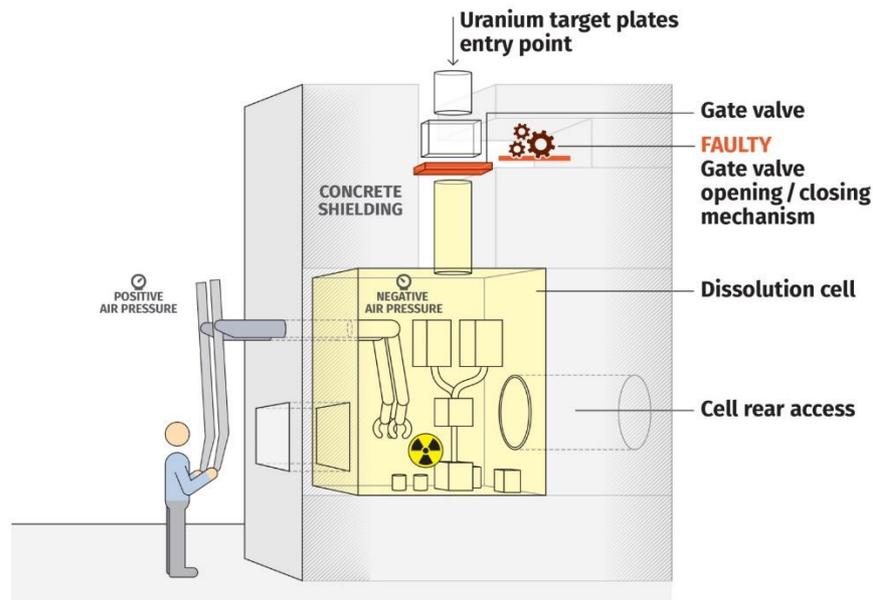


## UPDATE Mo-99 Manufacturing Facility Repairs and Tc-99m Generator Supply– 18 September 2019

We continue to progress towards a solution for repairing the mechanical fault. However due to the complexity of the work required we are still unable to accurately estimate how long it will take to fix. Many teams across ANSTO are focused on progressing this work.

The fault is within the gate valve opening and closing mechanism which is at the top of the Dissolution Cell 1. There are a number of key stages of work required to complete the repairs and these are outlined in the diagram below.



## **Update on stage 1 repairs: Remove radiation sources from cell**

More than half of the irradiated material from inside the dissolution cell has been removed and work teams are currently reviewing the appropriate safety and risk factors in regards to the remaining inventory. We are modelling options to safely remove specific inventory within containment, however ARPANSA will need to provide regulatory approval to remove remaining materials.

## **Tc-99m Generator Supply**

Tc-99m Generators have been distributed from ANSTO today as planned, utilising the small additional amount of Mo-99 supplied by South Africa.

More bulk Mo-99 is scheduled to arrive at ANSTO on the weekend. ANSTO will meet with the Nuclear Medicine Working Group (NMWG) tomorrow to discuss and agree the supply and distribution of this activity for next week. Following this meeting, ANSTO will share the distribution plans on the customer updates section of our website (<https://www.ansto.gov.au/business/products-and-services/health/health-products#content-customer-updates>) and also advise our customers directly.

Thank you again to everyone in the nuclear medicine community, and in particular the Nuclear Medicine Working Group, with representation from RAINS, ANZSNM, AANMS, NSW Health, TGA and GMS, who are helping ensure that the reduced amount of nuclear medicine gets to areas needed most.

We apologise to everyone who has been impacted by this issue. If you have any questions, please contact ANSTO directly on 1800 251 572.