

Update on ANSTO Mo-99 Manufacturing Facility repairs – 17 October 2019

ANSTO has made significant progress towards repairing the mechanical fault within the gate valve opening and closing mechanism located at the top of dissolution cell 1.

There are four key stages of the repair work.

Stage	Action	Design	Approval	Completion
1	Removal radiation sources from cell	✓	✓	✓
2	Remove radiation shielding	✓	✓	In progress
3	Investigate fault and replace valve	✓	✓	
4	Replace radiation shielding, commission and return to service	✓	✓	

Stage 1 is now completed. All active inventory that needed to be safely removed, has been.

Stage 2 planning is complete and the removal of shielding is in progress.

Stage 3 planning is complete. The timing for replacing the valve is dependent on confirmation of the failure mode, which is only available once stage 2 is complete.

Stage 4 planning and approvals are complete. Once the valve has been replaced, radiation shielding is replaced and the cell is commissioned and can then be safely returned to service.

Overall the repairs are progressing to plan, and contingency solutions remain in place to mitigate the supply impacts on customers. If you have any questions, please contact ANSTO directly on 1800 251 572.

