



Australian Government

Australian Radiation Protection and Nuclear Safety Agency

F0230

Facility Licence

Under Section 32 of the *Australian Radiation Protection and Nuclear Safety Act 1998*, (the Act) I, Carl-Magnus Larsson, Chief Executive Officer of ARPANSA, issue a Facility Licence to:

Australian Nuclear Science and Technology Organisation

that authorises the persons identified below to Decommission the Nuclear Installation, subject to the following:

1. Conditions in Section 35 of the Act
2. Conditions in Part 4 Division 4 of the Australian Radiation Protection and Nuclear Safety Regulations 1999 (the Regulations)
3. Practices to be followed in Part 5 of the Regulations
4. Conditions in Schedule 2


The Licence comprises this page and the following:

Schedule 1 – Interpretation

Schedule 2 – Licence conditions

Persons covered by this Licence are the Licence Holder, employees of the Licence Holder, Commonwealth Contractors and employees of Commonwealth Contractors.

ISSUED at Sydney, this 22nd day of December 2010.



Carl-Magnus Larsson
CEO of ARPANSA

This licence continues in force until suspended, cancelled or surrendered.

Schedule 1 Interpretation

'Nuclear Installation' means the Camperdown Facility, including the National Medical Cyclotron and associated controlled material.

'Decommission' means a set of activities to dismantle and/or remove equipment, devices, components, systems and structures in two Stages:

Stage 1 Activities:

- (a) Removal and transport of the 30 MeV cyclotron
- (b) Removal of all beam lines, cyclotron peripherals and target stations within the cyclotron vault to the Camperdown Facility basement
- (c) Removal of Good Manufacturing Practice Area hot cells, which include:
 - i. A bank of four Von Gahlen cells;
 - ii. FDG shielded enclosures; and
 - iii. Single large Von Gahlen cell;
- (d) Removal of target transfer systems from decommissioned target stations to all Hot Cells including lines in trenches (with exception to systems located in the Single Photon Emission Computed Tomography (the 'SPECT') Beam or Lab rooms
- (e) Removal of control room equipment and cabling (including removal of interlock and alarm system)

Stage 2 Activities:

- (a) Removal of the hot cells, SPECT Lab, Camperdown Facility
- (b) Removal of components of the SPECT Beam Rooms, Camperdown Facility

Schedule 2

Licence Conditions

1. The Licence Holder must provide a report of Stage 1 Decommissioning Activities at the conclusion of Stage 1.
2. The Licence Holder must seek prior approval of the CEO of ARPANSA before undertaking Stage 2 Decommissioning Activities.
3. The Licence Holder must provide a report of Stage 2 Decommissioning Activities at the conclusion of Stage 2.