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ANSTO Camperdown Decommissioning Licence Application
Document AC-D-LA-E6e Rev 1

ANSTO CAMPERDOWN FACILITY DECOMMISSIONING SECURITY PLAN

**Prepared By
Australian Nuclear Science and Technology Organisation**

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Australian Nuclear Science & Technology Organisation
ANSTO Camperdown Facility Decommissioning Security Plan

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1 PURPOSE AND SCOPE

The purpose of this *Security Plan* (document number AC-D-LA-E6e, hereafter called "the plan") is to outline the security provisions that are in place within ANSTO for the decommissioning of the IBA "Cyclone 30" 30MeV Cyclotron (known as the National Medical Cyclotron) – a Prescribed Radiation Facility and the Radiopharmaceuticals Operations (Camperdown) – a Nuclear Installation, at Camperdown, NSW. Both facilities are authorised under combined licence F0044-5A, 5B, 5C. For convenience, these two facilities are referred to as "the facility" in this plan.

The scope of this plan are the security matters in the ARPANS legislation [Ref 1, 2] and the ANSTO security arrangements. It specifically covers the issues referred to in the ARPANSA licensing guidelines relating to the review of plans and arrangements [Ref 3].

This plan should be read in conjunction with the other plans and supporting documents comprising the decommissioning licence, specifically AC-D-LA-E6b *Safety Management Plan* [Ref 4] and AC-D-LA-E6f *Emergency Plan* [Ref 5].

2 SECURITY PROCEDURES

The security procedures at the ANSTO Camperdown facility are designed to protect the assets and also to help with the protection of people from exposure in the controlled areas. They have been developed by the facility management in consultation with the ANSTO Security section. A summary is given here. The detailed procedures and records are not made public.

The building is protected by modern surveillance systems. These are monitored 24/7 by the personnel in the ANSTO Operations Centre. During working hours there is a security officer at the front desk in the Camperdown building who controls access and responds to security alarms. After hours, the ANSTO Operations Centre contacts a local security company to respond to alarms.

Access to the building is controlled by the ANSTO card swipe system. Visitors and short-term contractors are signed in at the front desk by the Security Officer or an ANSTO staff member. Within the building they are escorted by an ANSTO staff member with swipe access to the required rooms. These visitor arrangements are described further in the AC-D-LA-E6b *Safety Management Plan* [Ref 4].

Swipe access to the controlled areas is limited to those with the requisite training and need to enter. This limited access serves two purposes. It provides physical security for the cyclotron and other equipment and materials against unintentional or malicious damage by outsiders and it also provides safety protection for the public and untrained ANSTO staff.

The security arrangements are integrated with the emergency response arrangements described in AC-D-LA-E6f *Emergency Plan* [Ref 5]. In particular, the Security Officer responds to safety alarms and has the role of building warden during fire alarms.

3 REFERENCES

1. Australian Radiation Protection and Nuclear Safety (ARPANS) Act 1998
2. Australian Radiation Protection and Nuclear Safety (ARPANS) Regulations 1999
3. ARPANSA RB-STD-15-03 *Regulatory Guideline on Review of Plans and Arrangements*, August 2003
4. ANSTO Camperdown Decommissioning Licence Application AC-D-LA-E6b *Safety Management Plan*, June 2010
5. ANSTO Camperdown Decommissioning Licence Application AC-D-LA-E6f *Emergency Plan*, June 2010