



Australian Government

Australian Radiation Protection and Nuclear Safety Agency

INSPECTION REPORT

Licence Holder: ANSTO	Licence Number: F0251
Location inspected: Camperdown, NSW	Date/s of inspection: 1 – 2 December 2016
	Report No: R16/14020

An inspection was conducted as part of ARPANSA's baseline inspection program to assess compliance with the *Australian Radiation Protection and Nuclear Safety Act 1998* (the Act), the Australian Radiation Protection and Nuclear Safety Regulations 1999 (the Regulations), and conditions of Facility Licence F0251.

The scope of the inspection included an assessment of the Camperdown Facility's performance against the following areas: Training, Emergency Preparedness and Response, and Security. The inspection consisted of a review of records, interviews, and physical inspection of the facility.

Background

The Camperdown Facility is a prescribed radiation facility comprising an 18 MeV cyclotron and associated ancillary equipment including the shielded vault, target transfer equipment, radionuclide production equipment and shielded hotcells. The facility is approved to produce F-18 and C-11 radionuclides.

Observations

Security and Emergency Preparedness and Response

Overall the management of security and emergency preparedness and response at the Camperdown Facility was found to be satisfactory.

An emergency exercise has been recently conducted and several improvement actions are being implemented. The ANSTO site controller was involved in planning and also as an observer. The exercise is being used as a training tool for a new security staff member. The exercise identified a number of improvement actions which are in the process of being implemented.

Procedures are in place for the security contractor's response to emergencies and there was evidence of review following lessons learned from drills and emergency exercises. However, the Camperdown Emergency Procedure P4092 was not up-to-date and did not properly reflect the role of the Building Warden in an emergency. A requirement to conduct exercises every six months is not being fulfilled. A number of emergency contact notices around the facility were found to contain out of date information.

The Camperdown Security Plan has not been reviewed by the ANSTO Security Advisory Group to bring it into line with their revised template which requires details such as threat assessment, inventory, physical security, IT security and general ANSTO security contact details to be included.

Training

Overall the management of training was found to be satisfactory. Inspectors noted that while the ANSTO Learning Management System (LMS) is now in use at Camperdown, the ANSTO central learning and management team has yet to roll out the full capabilities of the system – for example, the Camperdown specific training courses were not on the system. Camperdown management has duplicated its own

training matrix of requirements in a streamlined version to improve management oversight of staff training. This will be used while Camperdown waits for the full roll out of the LMS.

It was noted that Camperdown is included in the central ANSTO compliance training performance indicators and that the monthly safety meeting which communicates these and other safety statistics to facility staff is now being held twice in different locations to ensure full attendance.

Findings

The licence holder was found to be in compliance with the requirements of the Act, the Regulations, and licence conditions.

The inspection revealed the following **area for improvement**:

1. The Camperdown Security Plan has not been reviewed by an ANSTO Security Experts to ensure it is in line with the current ANSTO security plan and includes up-to-date information on threat assessment, personal security, IT security etc. In addition some information relating to emergency preparedness and response was found to be out of date. Examples include the Camperdown Emergency Procedures and emergency contact lists.

It is expected that improvement actions be taken in a timely manner.