



## INSPECTION REPORT

<b>Licence Holder:</b> ANSTO	<b>Licence Number:</b> F0184
<b>Location inspected:</b> HIFAR reactor , Lucas Heights Science and Technology Centre, NSW	<b>Date of inspection:</b> 30/11/2011
	<b>Report No:</b> R11/14114

This is the record of an inspection conducted under Part 7 of the *Australian Radiation Protection and Nuclear Safety Act 1998* (the Act). The purpose of the inspection was to assess compliance with the Act, the Australian Radiation Protection and Nuclear Safety Regulations 1999 (the Regulations) and licence conditions.

The scope of this inspection was to review the documentation and records associated with a completed project E0916 viz. the removal of the HIFAR Heating, Ventilation, and Air-conditioning Circuit (HVAC) system components. The inspection was to ensure that the planning, radiation surveying, contamination sampling, work processes and waste management records show that the entire project was managed safely.

The inspection consisted of a selective examination of a number of ANSTO files associated with the project.

The following observations, conclusions and recommendations are based on an analysis of information and evidence obtained during the inspection.

**Observations:** This was a large and complex project which appears to have been satisfactorily planned and implemented. The detailed records showed that:

- adequate radiation and contamination surveys were undertaken in the planning and execution stages of the project
- the project was undertaken in accordance with detailed instructions that were developed by HIFAR for each section to be removed
- waste management was well planned with adequate monitoring and waste controls
- permissions were sought from ARPANSA where necessary and ARPANSA had one hold point during the process, where work stopped until ARPANSA approval to proceed was given

**Recommendations:** The following improvement to enhance best practice was discussed with licence holder representatives during the inspection:

- radiological clearance certificates should be placed on the project files to allow easier identification of radioactive materials which may be released to ANSTO Waste Operations

**Conclusions:** At the time of inspection, there was no evidence of non-compliance.