

18 May 2001

Dr John Loy  
Chief Executive Officer  
Australian Radiation Protection and Nuclear Safety Agency  
PO Box 655  
MIRANDA NSW 2228

Dear Dr Loy

**ANSTO Application for a *Facility Licence, Construction Authorisation,*  
for the Replacement Research Reactor  
at the Lucas Heights Science and Technology Centre**

I hereby submit the enclosed Application for a *Facility Licence, Construction Authorisation,* for the ANSTO Replacement Research Reactor. This Application is made with respect to Section 30 of the Australian Radiation Protection and Nuclear Safety Act 1998. The Application seeks to obtain ARPANSA authorisation for ANSTO to construct and undertake cold commissioning of a 20 megawatt research reactor to replace the existing HIFAR at the site of the Lucas Heights Science and Technology Centre, New South Wales.

The Application provides information intended to satisfy the requirements of the ARPANS Act 1998 and ARPANS Regulations 1999. Additionally, the Application addresses the compliance with the ARPANSA Site Licence conditions. A separate compliance with the conditions issued by the Minister for the Environment and Heritage will be supplied to Environment Australia in the next few months.

I seek your timely decision regarding this Application with respect to Section 32 of the ARPANS Act 1998 and Regulation 41 of the ARPANS Regulations 1999.

Yours sincerely,



**PROFESSOR HELEN M GARNETT**  
Executive Director

Encl. 1 original of the Application for a Facility Licence, Construction Authorisation  
1 copy in electronic portable document format.



**AUSTRALIAN RADIATION PROTECTION AND NUCLEAR  
SAFETY AGENCY**

**FACILITY LICENCE APPLICATION FORM**

**PART A – GENERAL INFORMATION**

**Applicant's Details**

**Departmental Name/Registered Company Name**

(This is the Department or agency's name and may include further information for ease of identification eg Departmental name, Division name, Section name)

**Australian Nuclear Science and Technology Organisation (ANSTO),  
Replacement Research Reactor Project.**

**Name, position and business address of Applicant**

(The Applicant must be the Secretary or Chief Executive Officer of the Department or Agency or his/her delegate).

**Name:** Professor Helen M Garnett

**Position:** Executive Director

**Business address:**  
New Illawarra Road,  
Lucas Heights  
New South Wales 2234

**Ph:** 02-9717-3702  
**Email:** pmf@ansto.gov.au

**Fax:** 02-9543-6907

## Nominee's Details

If the Applicant (the Secretary or CEO) is sufficiently removed from the facility that they cannot demonstrate effective control, the name and contact details of a nominee must also be provided. Generally the Applicant's nominee will be the Manager of a department or agency's operation at the site of the controlled facility.

<b>Name, position and business address of Nominee</b>	
Name: Mr Garry Seaborne	
Position: Project Manager, Replacement Research Reactor Project	
Business address: New Illawarra Road, Lucas Heights New South Wales 2234	
Ph: 02-9717-9137	Fax: 02-9717-3640
Email: gxs@ansto.gov.au	

## Information About the Controlled Facility

<b>A detailed description of the purpose of the controlled facility</b> Please provide details on the purpose of the controlled facility  <b>See attached ANSTO document LBD-03, section 1</b>
---

## **Detailed Description of the Controlled Facility and the Site for the Facility.**

Following is an indicative list of the types of information that should be provided about the facility and the site. Please indicate where such information has been appended.

See attached PSAR document and LBD-3, section 2, which include

- A map of the local area around the facility
- The location of any exclusion zone and any structures in the zone
- Plans of the site of the controlled facility

- The location and use of all areas, structures, systems and components making up the controlled facility.

**If a licence has previously been granted by a State or Territory radiation control agency, indicate the jurisdiction and the licence reference number.**

No licence has previously been granted for this facility by a State or Territory radiation control agency.

### DECLARATION

I hereby declare that the information provided on this form and in support of this application is to the best of my knowledge complete and true in every particular.



Signature of Applicant

18/5/01  
Date



Signature of Nominee

18/5/01  
Date