



**Notice of Decision under
The Freedom of Information Act 1982 (the FOI Act)**

Applicant: Dan Monceaux

Decision Maker: Mr Steven McIntosh
Senior Manager, Government and International Affairs

Date of Decision: 5 September 2017

Organisation: Australian Nuclear Science and Technology Organisation

This is my decision and the reasons for my decision in relation to the request (as amended) made by Dan Monceaux (the applicant) to ANSTO on 20 July 2017 seeking access to the following documents under the FOI Act:

Electronic copies of all correspondence between ANSTO and Rowan Ramsey MP from the years 2014 to present (inclusive)

I am authorised under section 23 of the FOI Act to make a decision.

DECISION

I have identified 12 documents relevant to the applicant's request. I have decided:

- to release 8 documents in full; and
- to release 4 documents in part.

I have included as Attachment A a schedule that describes the documents identified as falling within the request, the decision on the release and the exemption claimed.

I note that section 22 of the FOI Act provides that where a document contains some exempt material and some non-exempt material, or contains material which is outside the scope of the request, an edited copy of the document (i.e. with redactions of the exempt material) should be released if it is practicable to do so.

The page numbers are found on the top centre of the documents.

Attachment B sets out your review rights.

REASONS FOR DECISION

Material taken into account

In making my decision, I had regard to the following:

- The terms of the applicant's request and amended request both dated 20 July 2017;

- The documents to which the applicant sought access;
- Advice from ANSTO officers with responsibility for matters relating to the documents to which the applicant sought access;
- Third party consultation response;
- The relevant provisions of the FOI Act; and
- The Government's FOI Guidelines produced by the Office of the Australian Information Commissioner.

Locating and identifying relevant documents

All reasonable steps have been taken to identify and locate the relevant documents including liaising directly with key members of ANSTO's Communications & Government groups who carried out or arranged to be carried out electronic and hard copy searches.

Duplicate documents have not been included. For example, where a document was sent to a number of individuals at ANSTO or appears in an identical form in another document that is also being provided to you (such as an email stream), it is only provided once.

Findings of fact and reasons for decision

Where the schedule of documents indicates an exemption claim has been applied to a document or part of a document, my findings of fact and reasons for deciding that the exemption provision applies to that document or part of document are set out below.

Section 47F – documents affecting personal privacy

Section 47F of the FOI Act permits conditional exemption of a document containing third party personal information where disclosure of that information would be unreasonable.

Personal information

Personal information is defined in section 4 of the FOI Act as:

Information or an opinion (including information forming part of a database), whether true or not, and whether recorded in a material form or not, about an individual whose identity is apparent, or can reasonably be ascertained, from the information or opinion.

The elements of 'personal information' are:

- a. it relates only to a natural person (not, for example, a company);
- b. it says something about the individual;
- c. it may be in the form of an opinion, it may be true or untrue, and it may form part of a database; and
- d. the individual's identity is known or is reasonably ascertainable using the information in the document.

For the part of the document where section 47F is claimed, I have found that the information is personal information as it has the elements of personal information as set out in the previous paragraph.

Disclosure unreasonable

The Federal Court has held that the term “unreasonable” in section 41 of the FOI Act (the predecessor to the current section 47F) prevents the unreasonable invasion of the privacy of a third party (*Re Chandra and Minister for Immigration and Ethnic Affairs* (1984) 6 ALN N257). Public interest is central to this consideration, but the test is not whether disclosure is in the public interest; it is whether the disclosure would be unreasonable in the circumstances of the particular case (*Colakovski v Australian Telecommunications Corporation* (1991) 29 FCR 429).

There are a range of factors in deciding whether or not disclosure would be unreasonable, such as:

- a. the nature of the information, i.e. it should not be bland or commonplace;
- b. the circumstances in which the information was obtained;
- c. the current relevance of the information;
- d. the stated object of the legislation in section 3 of the Act, being to facilitate and promote the disclosure of information;
- e. the extent to which the information is already a matter of public knowledge; and
- f. whether there was any expectation of confidentiality.

I find that disclosure of the parts of the documents conditionally exempted under section 47F would involve unreasonable disclosure of personal information about a third party. Release of the personal information would be unreasonable in the case of the driver's licence number because:

- a. the information is of a private nature and is often used to verify identity – its misappropriation could be used to facilitate fraud or identity takeover;
- b. the information was provided to ANSTO for security purposes;
- c. the information is current;
- d. disclosure of the information would likely discourage future visitors to ANSTO from cooperating with its security processes by disclosing relevant personal information;
- e. the information is not in the public domain; and
- f. the information was provided to ANSTO with a reasonable expectation of confidentiality.

In the case of contact details for individual staff members, release of the personal information would be unreasonable because:

- a. the information is not readily available on the internet;
- b. some of the information is out of date; and

- c. the names of senior staff members on documents have been released to ensure public scrutiny.

Accordingly, I am satisfied that the documents are conditionally exempt under section 47F.

None of the exemptions claimed under section 47F contain personal information about the applicant.

Section 11A(5) - Public Interest

Section 11A(5) of the FOI Act requires disclosure of a document even if it is conditionally exempt at a particular time unless (in the circumstances) access to the document at that time would, on balance, be contrary to the public interest.

In considering this issue, I have taken into account the following public interest factors in favour of and against disclosure:

Factors in favour of disclosure

- The interest in upholding the right of access to documents expressed in sections 3 and 11 of the FOI Act. Section 3 makes clear that the object of the Act is to give the Australian community access to information held by the Government of the Commonwealth by requiring agencies to publish the information and providing for a right of access to documents. Section 11 guarantees every person a right of access to documents.

Factors against disclosure

- The release of personal details, which are not otherwise easily accessible, could harm ANSTO's ability to adequately protect its staff, members of the community and public resources as it could undermine the integrity of its security processes designed to protect such people and resources.
- The release of personal details, which are not otherwise easily accessible, could harm the individual in that they could be used to facilitate fraud or identity takeover, and such release could damage the public's confidence in government where such personal details are given with a reasonable expectation of confidentiality.
- The release of names is sufficient to enhance the scrutiny of government decision-making.

In my view, in relation to these documents, the factors against disclosure outweigh the factors in favour of disclosure. I am satisfied that protecting the privacy of the individual referred to in the document outweighs any interest in disclosure of their personal details. This is consistent with ANSTO's *Privacy Guidelines*.



Steven McIntosh
Senior Manager, Government and International Affairs
5 September 2017

ATTACHMENT A

Request to Australian Nuclear Science and technology Organisation from Dan Monceaux dated 20 July 2017

Doc No.	Folio No.	Date	Author	Description of contents	Decision	Parts over which exemption claimed
1.	1	17 February 2015	Ms Katie Patterson	Email to 'ANSTO Event Reply' (ANSTO internal email address)	Release in full	
2.	2-3	5 March 2015	ANSTO	Flyer – event invitation	Release in full	
3.	4	19 March 2015	Mr Mark Hebblewhite	Letter to Mr Rowan Ramsey MP	Release in part	Redact email address and contact number of staff member not publicly available (section 47F)
4.	5	24 August 2016	Dr Adi Patterson	Letter to Mr Rowan Ramsey MP	Release in full	
5.	6-8	13 September 2016 and 6 October 2016	Ms Katrina Van De Ven and Ms Katie Patterson	Email stream containing one email dated 13 September 2016 and two emails dated 6 October 2016	Release one email in full, release two emails in part	Folio #6 – Redact drivers licence details of Mr Rowan Ramsey MP (section 47F) Folio #8 – Redact mobile telephone number and email address of staff member not publicly available (section 47F)
6.	9-16	21 October 2016	Mr Jarrod Powell and ANSTO	Email to Mr Rowan Ramsey MP Attachment 1– 'TN81 design and testing' PowerPoint	Release in part	Folio #9 – Redact mobile telephone number and email address of staff member not publicly available (section 47F)

Doc No.	Folio No.	Date	Author	Description of contents	Decision	Parts over which exemption claimed
				presentation Attachment 2 – 'Questions on nuclear medicine production and waste management October 2016' document		
7.	17-18	March 2017	ANSTO	Brochure – ANSTO Innovation Precinct	Release in full	
8.	19	11 May 2017	Dr Adi Patterson	Letter to Mr Rowan Ramsey MP	Release in full	
9.	20	7 June 2017	ANSTO Graduate	Email to Mr Rowan Ramsey MP	Release in part	Redact name and contact details of junior staff member not publicly available (section 47F)
10.	21	14 June 2017	ANSTO	Leaflet – event invitation	Release in full	
11.	22	7 July 2016	ANSTO	Nuclear science and technology benefiting South Australia fact sheet	Release in full	
12.	23	10 July 2017	Mr Con Lyras	Letter to Mr Rowan Ramsey MP	Release in full	

From: Patterson, Katie (R. Ramsey, MP) <Katie.Patterson@aph.gov.au>
Sent: Tuesday, 17 February 2015 4:16 PM
To: ANSTO Event Reply
Subject: invitation

Rowan Ramsey MP would like to accept the Australian Nuclear Science and Technology Organisation's invitation to attend the breakfast briefing on Thursday, 5 March.

Regards
Katie

Katie Hallett-Patterson

DIARY/ELECTORATE OFFICER
OFFICE OF ROWAN RAMSEY MP

Electorate Office:

104 Ellen Street PORT PIRIE SA 5540
(08) 86331744 | (08) 86331749

Parliament House:

Suite RG 59, Parliament House, Canberra, ACT, 2600.
(02) 6277 4967 | (02) 6277 8440
katie.patterson@aph.gov.au

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Rowan Ramsey MP
FEDERAL MEMBER FOR GREY



Hope. Reward. Opportunity.
Let's get Australia back on track.

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Invitation

In celebration of the International Year of Light, please join us to hear from
Nobel Prize winner Professor Brian Schmidt and Diabetes Australia Chief Executive
Professor Greg Johnson on how the Australian Synchrotron's world leading technology is
shining a light on better treatments for diabetes.

The Australian Synchrotron produced the
world's first 3D image of the insulin molecule in action.



Ansto

Nuclear-based science benefiting all Australians



Introduction by **Professor Andrew Peele**

Director, Australian Synchrotron

Presenters



Professor Brian Schmidt

Astronomer, Australian National University

Professor Brian Schmidt shared the Nobel Prize in Physics in 2011 for research using light from distant exploding stars (supernovae) that confirmed the acceleration of the universe as it expands. Today he continues work on supernovae and studies gamma ray bursts from space.



Professor Greg Johnson

Chief Executive, Diabetes Australia

Professor Greg Johnson has over 25 years experience in healthcare leadership. He is a passionate advocate for people affected by diabetes and raising awareness of the seriousness and impact of diabetes on the health and productivity of Australia.

Closing remarks by **Dr Adi Paterson**

Chief Executive Officer, ANSTO

Date

Thursday 5 March 2015

Time

7.30am - 8.30am

Location

Parliament House,
House of Representatives
Alcove

RSVP

Monday 23 February 2015

Email:
event_reply@ansto.gov.au

Breakfast provided

Did you know?

The Australian Synchrotron:

- created the world's first 3D image of the insulin molecule in action, which is now helping develop a new form of insulin that does not require refrigeration that will benefit 280 million diabetes sufferers worldwide.
- is helping increase plant resistance to fungal infections, preventing crop losses of up to 15 per cent in a single season.
- helped turn dried bloodmeal, a waste product of red meat processing, into an environmentally friendly plastic.
- played a critical role in the development of a new drug to treat leukaemia.
- is helping mining companies, including BHP Billiton Worsley Alumina, improve processes, reduce costs and maintain a competitive edge.



Australian Government



Nuclear-based science benefiting all Australians



INTERNATIONAL
YEAR OF LIGHT
2015





Nuclear-based science benefiting all Australians

19 March 2015

ACS058762

Mr Rowan E Ramsey MP
Member for Grey
PO Box 6022
Parliament House
CANBERRA ACT 2600

Dear Mr Ramsey

I am writing to express my sincere thanks for joining us for our parliamentary breakfast *Shining a light on better treatments for diabetes research* held at Parliament House on Thursday 5 March, 2015.

As highlighted by the event, the United Nations International Year of Light is an important opportunity to initiate broader discussions about light based technologies, and the important discoveries made possible by Australia's brightest light source, the Australian Synchrotron. We look forward to continuing these discussions with you.

On that note, I would like to invite you to visit the Australian Synchrotron or ANSTO's Sydney campus to see first-hand the landmark infrastructure which is helping tackle some of the most important problems facing Australia today, including finding new ways to treat diseases, make crops more productive and metals more resilient.

To arrange a visit, or if there is ever any assistance ANSTO or the Australian Synchrotron can provide, please do not hesitate to contact me on [REDACTED] or at [REDACTED]@ansto.gov.au.

I look forward to welcoming you to our campuses, home to the landmark infrastructure contributing to Australia's scientific excellence.

Yours sincerely,

Mark Hebblewhite
Acting Manager Government and Community Relations

AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION

New Illawarra Road, Lucas Heights (Locked Bag 2001, Kirrawee DC 2232) T +61 2 9717 3111 F +61 2 9717 9210
www.ansto.gov.au



Nuclear-based science benefiting all Australians

24 August 2016

Mr Rowan Ramsey MP
Member for Grey
104 Ellen St
Port Pirie SA 5540

Dear Mr Ramsey

It is with great pleasure that I write to offer the Australian Nuclear Science and Technology Organisation's (ANSTO's) congratulations on your re-election to the seat of Grey.

As you may already be aware, ANSTO is one of Australia's key public research organisations and, for more than 60 years now, has undertaken nuclear-based science for the benefit of all Australians.

Enclosed is a fact sheet highlighting the diverse nature of our work, including lifesaving nuclear medicine production and ground breaking research into areas of national importance such as human health, environmental studies, water resource management and helping Australian industries create jobs and drive economic growth. As the custodian of Australia's nuclear expertise, ANSTO also provides expert advice to government on all matters relating to nuclear science and technology.

We would be delighted to show you around our Lucas Heights (NSW), Camperdown (NSW) and Clayton (VIC) campuses. A visit to any of these campuses would be an opportunity to see first-hand the landmark and national scientific infrastructure operated by ANSTO. This infrastructure includes one of the world's most modern research reactors, OPAL, a comprehensive suite of neutron beam instruments, Australia's brightest light source, the Australia Synchrotron, the National Imaging Facility Research Cyclotron and the Centre for Accelerator Science.

To arrange a time to visit or if there is any other assistance we can provide, please contact the Government Affairs team on (02) 9717 9991 or at [REDACTED]@ansto.gov.au.

We look forward to continuing to work with you to ensure that all Australians benefit from the science conducted here at ANSTO.

Yours sincerely

Paul Jones
General Manager
Nuclear Security, Government & International Affairs

AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION

New Illawarra Road, Lucas Heights (Locked Bag 2001, Kirrawee DC 2232) T +61 2 9717 3111
www.ansto.gov.au

From: VAN DE VEN, Katrina
Sent: Thursday, 6 October 2016 1:14 PM
To: Reception
Cc: Tours Inbox
Subject: FW: Mr Ramsey's visit to ANSTO - 14 October [DLM=Sensitive:Personal]

Follow Up Flag: Follow up
Flag Status: Completed

Hi all

Please find attached Mr Ramsey's personal details, ahead of his visit to ANSTO on 14 October.

Cheers

Katrina

Sent with Good (www.good.com)

-----Original Message-----

From: Patterson, Katie (R. Ramsey, MP) [Katie.Patterson@aph.gov.au]
Sent: Thursday, October 06, 2016 10:56 AM AUS Eastern Standard Time
To: VAN DE VEN, Katrina
Subject: RE: Mr Ramsey's visit to ANSTO - 14 October [DLM=For-Official-Use-Only]

Hi Katrina

Details for Rowan
 Rowan Eric Ramsey
 DOB: 4th August 1956
 Driver's License number: [REDACTED] Exp: [REDACTED]
 No dietary requirements

Kind regards
 Katie

Katie Hallett-Patterson

DIARY/ELECTORATE OFFICER
 Office of Rowan Ramsey MP Federal Member for Grey
 GOVERNMENT WHIP.

Electorate Office:
 104 Ellen Street PORT PIRIE SA 5540
 (08) 86331744 | (08) 86331749

Parliament House:
 Suite RG 95, Parliament House, Canberra, ACT, 2600.
 (02) 6277 4967 | (02) 6277 8440
katie.patterson@aph.gov.au



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Rowan Ramsey MP
FEDERAL MEMBER FOR GREY



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Let's get Australia back on track.

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From: VAN DE VEN, Katrina [mailto:[REDACTED]@ansto.gov.au]
Sent: Tuesday, 13 September 2016 8:57 AM
To: Patterson, Katie (R. Ramsey, MP)
Subject: Mr Ramsey's visit to ANSTO - 14 October [DLM=For-Official-Use-Only]

Good morning Katie

Thanks for your time on the phone yesterday. As per our conversation, it would be a pleasure to show Mr Ramsay around ANSTO on 14 October 2016. I'd suggest a three hour tour starting at 2:00pm. This will provide us with enough time to show Mr Ramsey some of the country's most important scientific and nuclear medicine infrastructure as well as our waste management facilities. We have also set aside time for Mr Ramsey to meet with ANSTO CEO Dr Adi Paterson. If there are any particular things Mr Ramsey would like to see while at ANSTO, please let me know so I can ensure they are included in the program.

Attached for Mr Ramsey's information are:

- Visitor Information with a range of security and safety measures.
- Directions to the ANSTO Reception – our meeting point.

As ANSTO is a Commonwealth protected site, everyone who visits is required to provide some personal details at least five days prior to their tour. Can I ask you to please forward Mr Ramsey's:

- Full name
- Date of birth
- Driver's License Number
- Dietary requirements, if applicable (for afternoon tea)

Please do not hesitate to contact me on the details below to discuss Mr Ramsey's visit further. We look forward to welcoming Mr Ramsey to ANSTO.

Kind regards

Katrina

Katrina Van De Ven

Govt And International Affairs Advisor
Nuclear Security Government and International Affairs

Australian Nuclear Science and Technology Organisation

Tel +61 2 9717 7913

Mobile [REDACTED]

Email [REDACTED]

Web www.ansto.gov.au



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From: POWELL, Jarrod
Sent: Friday, 21 October 2016 5:36 PM
To: rowan.ramsey.mp@aph.gov.au
Cc: katie.patterson@aph.gov.au; Government Liaison; HARDIMAN, James
Subject: ANSTO visit - follow up info
Attachments: TN81 design and testing.pptx; 20161011 Responses to questions on ANM and waste.doc

Dear Rowan,

Thanks again for taking the time to visit us at Lucas Heights last Friday.

Following up on our discussion around the kinds of testing done on the TN 81 waste transport and storage cask, attached are some slides with images and text that you're free to use.

I also thought you might find useful the attached answers to questions that were put to Minister Canavan during the teleconference with Hawker residents a couple of weeks ago:

- *Why is ANSTO increasing production of nuclear medicine, and why can't Australia import all of its required medical radioisotopes instead?*
- *What effect on the production of both low and intermediate level waste will the increase in production have?*
- *Why is it not suitable for ANSTO to continue storing and/or disposing of low and intermediate level radioactive waste onsite in the long term?*

In answer to your question on the size of the Lucas Heights campus, the area within our perimeter fence is approximately 50 hectares (or a little more than 120 acres).

Of course, the full answer isn't that straightforward. ANSTO controls around 500 hectares, including the area inside the fence, an area occupied by a privately operated garbage tip, and the Little Forrest Legacy Site.

If there is anything else we can do to help you in progressing discussions around the National Radioactive Waste Management Facility process, or if you simply have a question about nuclear science and technology issues, please don't hesitate to get in touch.

Kind Regards,
 Jarrod

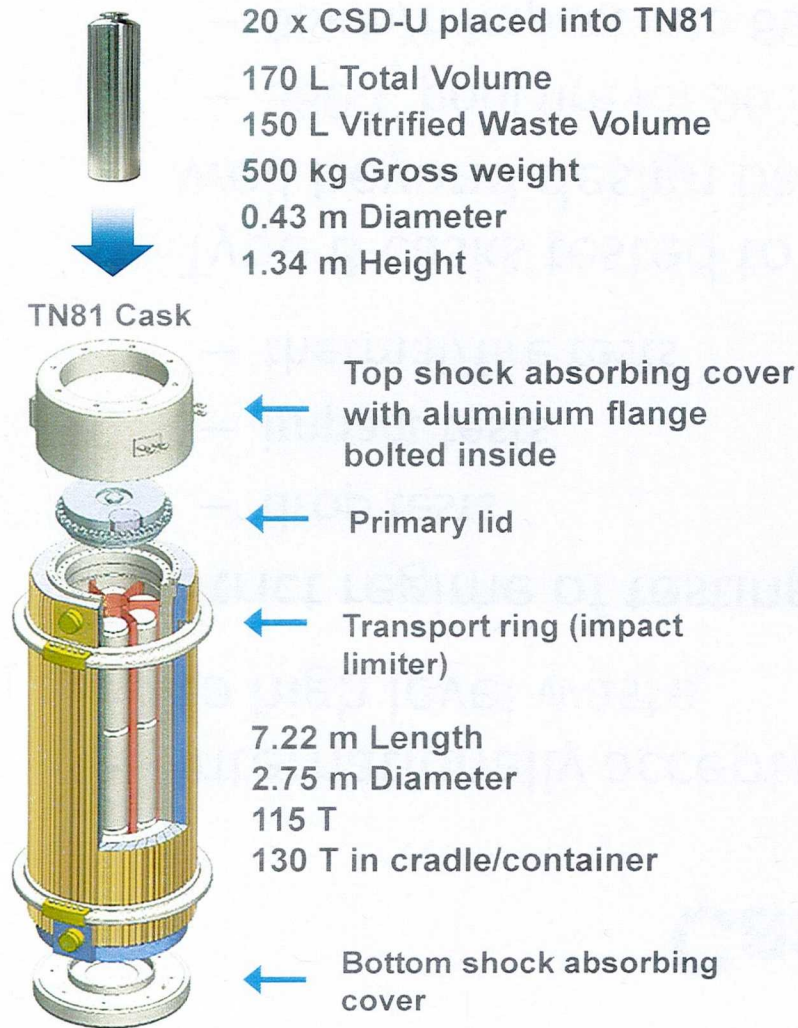
Jarrod Powell
 Acting Manager, Government Affairs
 Nuclear Security Government and International Affairs
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Cask design



- Waste form is stable, solid glass
- Constructed of 20 cm thick forged stainless steel
- Layers of lead and resin for shielding
- Shock absorbers for impact protection
- Leak-tightness of containment in normal operation to provide >100 years containment
- Can be used for transporting spent fuel & HLW (ANSTO waste is only ILW)
- Designed to withstand fire, flood and impact from aircraft

Cask testing

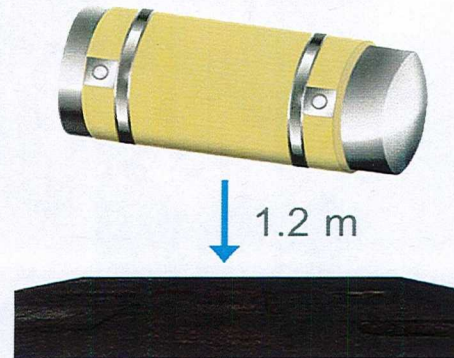
- Internationally accepted type B transport package for up to high level waste
- Strict regime of testing included:
 - drop tests
 - impact tests
 - thermal/fire tests
- Type B casks tested to withstand extreme conditions, well beyond design basis:
 - 980°C pool fire for 90 minutes
 - 96km/h impact into 690 ton concrete block
 - Equivalent to impact from fighter jet aircraft

Testing of accident conditions

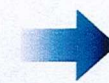
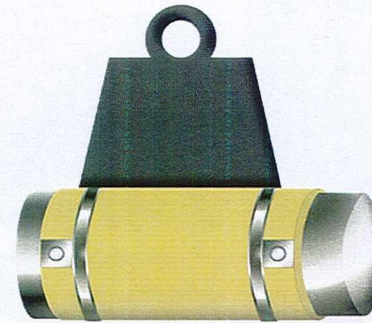
Water spray over
1 hour



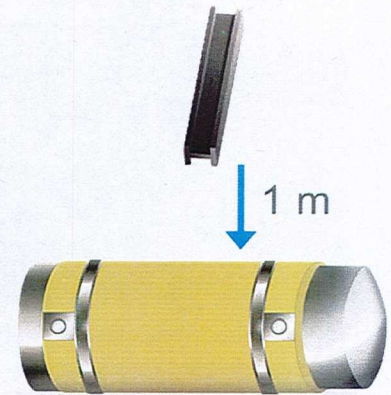
Drop from 0.3 - 1.2 m
onto an unyielding
surface



Stacking with 5
times the package
weight



Penetration test
with a 6kg bar
dropped from 1 m



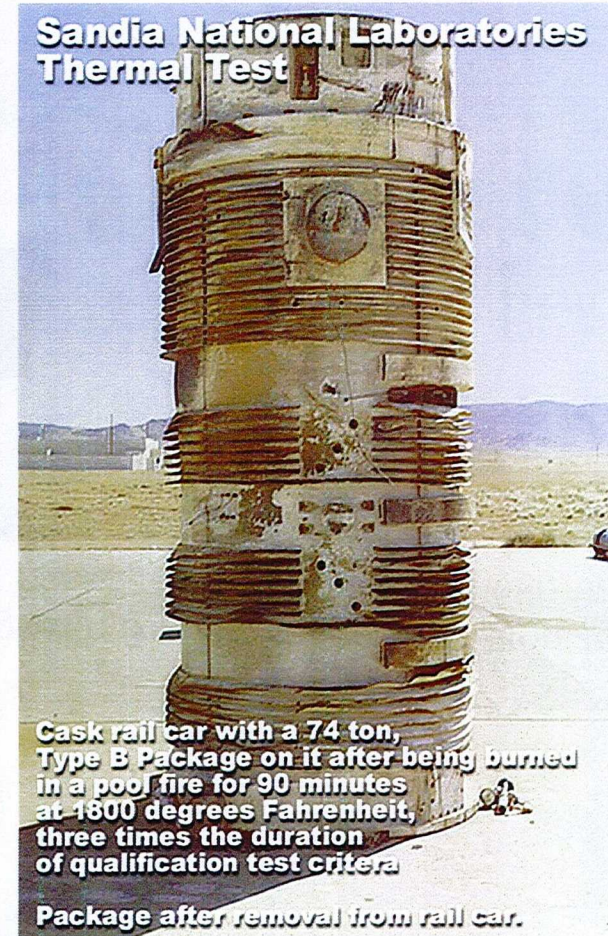
Testing of extreme conditions

Sandia National Laboratories Thermal Test



Cask rail car with a 74 ton, Type B Package on it burning in a pool fire for 90 minutes at 1800 degrees Fahrenheit, three times the duration of qualification test criteria.

Sandia National Laboratories Thermal Test



Cask rail car with a 74 ton, Type B Package on it after being burned in a pool fire for 90 minutes at 1800 degrees Fahrenheit, three times the duration of qualification test criteria.

Package after removal from rail car.

Testing of extreme conditions

Sandia National Laboratories Crash Test



A flatbed semi-trailer carrying a 22 ton Type B Package on it, after being crashed into a 690 ton concrete block at 60 miles per hour.

Sandia National Laboratories Crash Test



A flatbed semi-trailer carrying a 22 ton Type B Package on it, after being crashed into a 690 ton concrete block at 60 miles per hour.

Package after removal from semi-trailer.



Questions on nuclear medicine production and waste management

October 2016

Why is ANSTO increasing production of nuclear medicine, and why can't Australia import all of its required medical radioisotopes instead?

The development of the ANSTO Nuclear Medicine (ANM) facility will ensure that Australians suffering from cancer, heart disease and a variety of other illnesses have reliable access to life-saving nuclear medicines. On average, one in two Australians will need a nuclear medicine procedure in their lifetime.

ANSTO has long supplied the needs of Australians for molybdenum-99 (Mo-99), but global supply has come under threat in recent years due to the closure of ageing research reactors elsewhere around the world. With one of the newest and most reliable research reactors in the world, the OPAL research reactor, Australia is stepping up to fill the gap.

The ANM facility will enable ANSTO to triple its production of Mo-99, meeting domestic demand and up to 25-30 per cent of global demand. Used for 80 per cent of nuclear medicines, Mo-99 is the base material used in the diagnosis of cancers, heart disease, muscular and skeletal conditions. ANSTO is proud to be making a contribution to helping the diagnosis and treatment of unwell people from around the world.

Sourcing Mo-99 internationally would be less reliable and more expensive due to a number of factors, including the impending reduction in reactor availability and increasing demand in emerging markets. Further, as nuclear medicines undergo radioactive decay from the moment they are produced, they have an extremely limited shelf-life. The Commonwealth Government decided back in 1997 that a reliable domestic source of Mo-99 is the only way to ensure the security of supply of Mo-99 to Australian hospitals and clinics, and events in the years since have only reinforced the wisdom of that decision.

What effect on the production of both low and intermediate level waste will the increase in production have?

The increase in production of nuclear medicines will also give rise to an increased volume of low and intermediate level waste. For that reason, in addition to the ANM facility, ANSTO will construct a collocated Synroc waste treatment plant. The Synroc plant will treat intermediate level waste produced by the ANM facility, converting it into a synthetic rock, ready for storage or disposal. The

Synroc method, developed by ANSTO and the Australian National University, mimics the way in which certain types of naturally occurring rock are able to lock up radioactive elements for hundreds of thousands of years. Synroc technology has also been shown to significantly reduce the volume of radioactive waste compared to other waste management methods.

The low level waste will mostly consist of laboratory and other equipment that has come into contact with the nuclear medicines throughout the production process, for example gloves and glassware. Like all low level waste produced at ANSTO, these materials will be stored and managed temporarily onsite, after which they will be assessed to determine whether they should be disposed of as low level waste at the National Radioactive Waste Management Facility, or whether the radioactivity has decayed sufficiently for the materials to be disposed of as free-release waste.

Why is it not suitable for ANSTO to continue storing and/or disposing of low and intermediate level radioactive waste onsite in the long term?

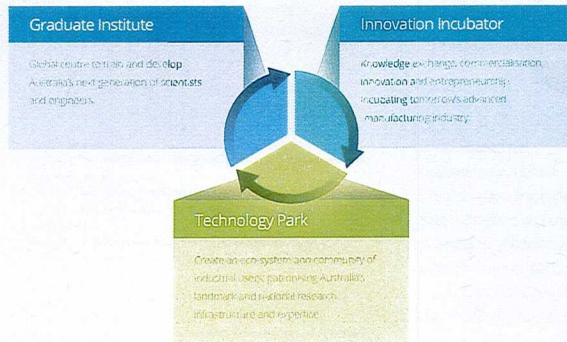
The primary roles of ANSTO's Lucas Heights campus are to produce nuclear medicines and conduct world-class research into areas of national priority, including environmental and climate science, health, agriculture and industry. These functions, and the limited geographic footprint of the site, which is located in the southern suburbs of Sydney, are not compatible with the functions and needs of a National Radioactive Waste Management Facility.

ANSTO's radioactive waste holdings constitute only half of the Commonwealth's holdings, with significant quantities held by the Department of Defence and CSIRO at several locations around the country. There are also smaller quantities of waste held by the states and territories. According to international best practice, a centralised approach to radioactive waste management and disposal allows countries to improve efficiencies and minimise risks.

In addition, federal legislation prevents the disposal or permanent storage of radioactive waste at Lucas Heights, and the independent Commonwealth nuclear safety regulator, ARPANSA, has said that it would not licence such a facility on the site.

ANSTO Innovation Precinct

The ANSTO Innovation Precinct will connect Australian industry with our nation's best and brightest researchers and engineers, and provide unparalleled access to Australia's landmark and national research infrastructure.



"As the custodian of much of Australia's landmark and national research infrastructure, ANSTO is well positioned to connect people to researchers and infrastructure, and create a dynamic environment for innovation in Australia."

Dr. Ian Paterson
CEO, ANSTO



Australian Government

Ansto

www.ansto.gov.au

About ANSTO

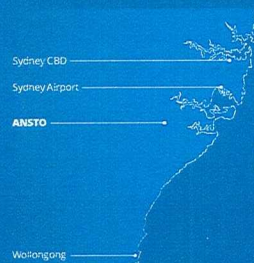
The Australian Nuclear Science and Technology Organisation is one of Australia's largest public research organisations and operates much of our country's landmark and national research infrastructure.

The scientists, engineers, technicians and support staff at ANSTO find ways to improve health outcomes for Australians, better understand our environment and to support industry.

ANSTO operates research facilities across three locations – Lucas Heights and Camperdown in Sydney, and Clayton in Melbourne.

At the heart of ANSTO's research capabilities is the OPAL research reactor, one of the world's most effective multi-purpose reactors and the Australian Synchrotron, a world-class national research facility that uses accelerator technology to produce a powerful source of light – X-rays and infrared radiation – a million times brighter than the sun.

Precinct location



Lucas Heights | Clayton | Camperdown

Printed March 2017



Australian Government

Ansto

ANSTO Innovation Precinct



AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION

Graduate Institute

ANSTO's Graduate Institute will offer a unique platform for high achieving science and engineering graduates to advance their professional careers and contribute to outcomes that benefit community and industry.

This collaborative network will connect graduates with industry and world leading researchers, while providing unparalleled access to Australia's landmark and national research infrastructure.

Offered in close partnership with universities, graduates in the program will benefit from:

- Working alongside some of Australia's leading researchers and engineers
- Access to critical science infrastructure to deliver innovative and high impact research

- Connections with industry through structured programs to enable innovation
- Delivering translational science and key business skills to establish careers beyond academia

- Structured programs to support science skills, soft skills, innovation mindset and job readiness



"UTS is delighted to support ANSTO in its ambition of creating a knowledge hub for southern Sydney. ANSTO's major emphasis on research and innovation will enable competitive advantage for our industries."

Prof Roy Green
UTS BUSINESS SCHOOL



Technology Park

Located within 40km of Sydney's CBD, ANSTO's Lucas Heights campus provides a unique setting for the development of a technology park.

Nationally and globally, nuclear science and technology is a major basis for innovation across a range of industries. The ANSTO Technology Park will form part of the bigger ANSTO Innovation Precinct. Businesses of all sizes could realise the benefits of being co-located within the Innovation Precinct, bringing jobs and growth to southern Sydney.

The Technology Park will connect, on one campus, a community of industrial users able to access ANSTO's infrastructure and research capabilities through the Graduate Institute and ANSTO research, engineering and technical experts.



"As a key driver of the employment, business and knowledge economy in southern Sydney, the proposed ANSTO Innovation Precinct is an exciting opportunity for Australian industry, research and education."

Hon Morris Iemma
GREATER SYDNEY COMMISSION



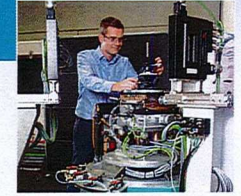
Innovation Incubator

ANSTO's Innovation Incubator offers not only physical office and co-working space for eligible members, but access to ANSTO graduates, structured programs, business support services and innovation toolkits.

Becoming part of ANSTO's Innovation Incubator will place member organisations within an environment that is ripe for innovation, connecting people with ideas to expertise and research infrastructure.

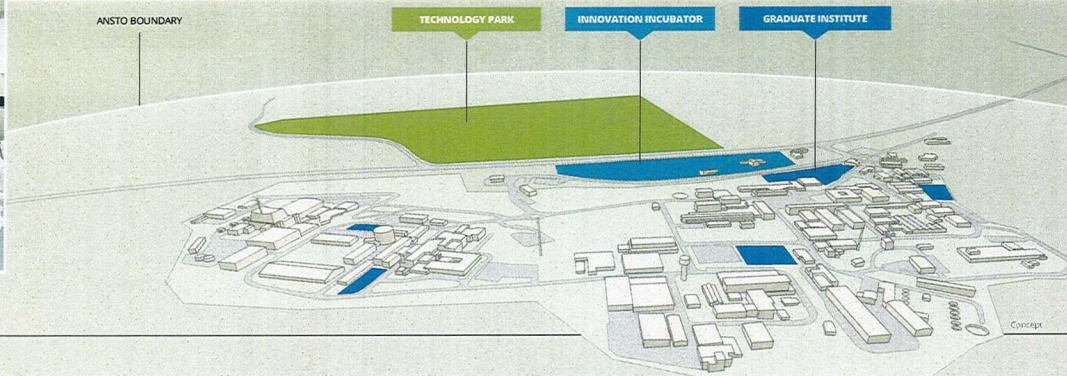
Member benefits include:

- Access to ANSTO's researchers, engineers and technical experts
- Access to established connections with world class universities and leading graduates
- Access to established tools and structured programs
- Dynamic office and co-working space
- Support from local business networks and organisations



"The ANSTO Innovation Incubator and precinct is a fantastic opportunity for both established and start-up southern Sydney businesses - providing an environment for innovative new industries to emerge."

Alan Tooten
SURREY

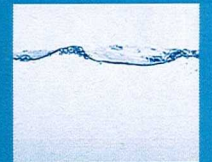


Transferring knowledge to industry

The licence for an innovative nano-particle membrane invented at ANSTO was sold to Sydney clean-tech company, BioGill Environmental Pty Ltd in 2012.

Since licensing the invention, BioGill has been distributing the technology in Australia and internationally for use in aquaculture to provide clean, safe biofiltration to maintain high quality pond water, and to treat many different wastewater streams.

The invention, which originated from research on the ANSTO Synroc radioactive waste form technology, has since been awarded the Australian Water Association NSW Water Award for Infrastructure Project Innovation, been the recipient of a Top 100 Environmental Technology award by the Chinese government, and been recognised for its contribution to China's 3PCT program to address air, soil and water pollution.



BIOGILL



Nuclear-based science benefiting all Australians

11 May 2017

Mr Rowan Ramsey MP
Government Whip
Member for Grey
PO Box 296
Port Pirie SA 5540

Dear Mr Ramsey,

On Wednesday 14 June 2017, the Australian Nuclear Science and Technology Organisation (ANSTO) will host a breakfast event at Parliament House, focusing upon the benefits associated with innovation precincts and highlighting successful precincts both in Australia and overseas. The event will also include a discussion of ANSTO's proposed Innovation Precinct, at its Lucas Heights campus in southern Sydney.

The ANSTO Innovation Precinct will connect Australian industry with our nation's best and brightest researchers and engineers, and provide unparalleled access to much of Australia's landmark and national research infrastructure.

I am delighted to announce Professor Robert Hill AC, former Australian Minister for Defence and Minister for the Environment and Heritage, as our keynote speaker. Drawing upon his experience with the Future Cities Collaborative at the University of Sydney's US Studies Centre, Professor Hill will discuss innovation ecosystems in the United States and how Australia could benefit from the establishment of similar precincts on home soil.

Please find enclosed an invitation to the breakfast event. If you have any questions or would like additional information please contact ANSTO's Government Affairs team on (02) 9717 7913 or at ansto@gov.au.

I hope you are able to join us on the morning of 14 June.

Yours sincerely,

Dr Adi Paterson
Chief Executive Officer

From: [REDACTED]
Sent: Wednesday, 7 June 2017 9:42 AM
To: rowan.ramsey.mp@aph.gov.au
Cc: ANSTO Event Reply
Subject: ANSTO Breakfast Invitation - Innovation Precinct - Wednesday 14 June 2017
[SEC=UNCLASSIFIED]

Good morning,

Thank you for accepting our invitation to **ANSTO's Innovation Precinct breakfast event** on Wednesday 14 June 2017.

This event is being held in the Mural Hall at Australian Parliament House, from 7.30am-8.30am.

We look forward to seeing you at the event. In the meantime, if you need any further information please do not hesitate to contact me.

Kind regards

[REDACTED]

[REDACTED]
Graduate Government and International Affairs
Nuclear Security, Government and International Affairs
Australian Nuclear Science and Technology Organisation

Tel [REDACTED]
Email [REDACTED]@ansto.gov.au
Web www.ansto.gov.au



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Nuclear-based science benefiting all Australians

Invitation

ANSTO Innovation Precinct

Crowd-in. Co-locate. Cross-pollinate.

ANSTO is pleased to invite you to attend a special **breakfast presentation on innovation precincts**. The event will focus upon the benefits of establishing innovation precincts, highlighting successful precincts both in Australia and overseas, leading into a discussion of ANSTO's proposed Innovation Precinct at our Lucas Heights campus in southern Sydney.



DATE

Wednesday 14 June 2017



TIME

7.30am - 8.30am
(guest arrival from 7.00am)



LOCATION

Mural Hall,
Australian Parliament House



RSVP

To ANSTO's Government Affairs
team by Wednesday 7 June 2017
[redacted]@ansto.gov.au



CONTACT

Should you have any queries
regarding the event our team can
be contacted on (02) 9717 7913

*Please advise of any special
dietary requirements.*

SPEAKERS

The Hon Robert Hill AC

The Hon Robert Hill AC was Minister for the Environment from 1996-1998, Minister for the Environment and Heritage from 1998-2001, Minister for Defence from 2001-2006, and a Senator for South Australia from 1981-2006.



Since leaving Parliament in 2006, Mr Hill has served as Australia's Permanent Representative to the United Nations and as Chancellor at the University of Adelaide. From 2009-2016 he was Adjunct Professor at the US Studies Centre. During this time, he held positions including Director of the Dow Sustainability Program, Co-Director of the Alliance 21 Program, and Advisory Board Member of the Future Cities Collaborative. He is currently Chair of the CRC Low Carbon Living at the University of NSW, and Chair of the Global Change Institute Advisory Board at the University of Queensland.

Dr Adi Paterson

As CEO of ANSTO since 2009, Dr Paterson has driven a program of positive change and growth for the national nuclear science and technology agency. He has leveraged public science investment and practical innovation to deliver positive transformational outcomes.



We hope you are able to join us on 14 June.

Nuclear science and technology benefiting South Australia



ANSTO Mineral's supports the South Australian minerals industry through the provision of expert advice and consultancy services.

ANSTO operates Australia's most significant landmark and national scientific infrastructure, including one of the world's most modern nuclear research reactors, Australia's brightest light source, the Australian Synchrotron and the Centre for Accelerator Science.

This infrastructure places Australia at the forefront of innovation for the benefit of public health, industry and the environment and directly benefits South Australia.

Improving South Australia's health

- Each year around 550,000 doses of nuclear medicine produced at ANSTO are used at hospitals and medical practices across Australia, including many in South Australia. These nuclear medicines are used in the diagnosis of heart disease, skeletal injuries as well as a range of cancers. On average, one in two Australians will require a nuclear medicine produced at ANSTO during their lifetime.

Enabling innovation for Industry

- ANSTO Minerals has been closely involved in process development for the Olympic Dam mine, targeting the recovery of uranium, and improving environmental outcomes in South Australia.

- As the custodian of Australia's nuclear expertise, ANSTO made itself available to the South Australian Nuclear Fuel Cycle Royal Commission to provide technical advice, and will continue to provide such advice as the Commonwealth and South Australian Governments consider its findings.
- Researchers from The University of Adelaide have used the Australian Synchrotron to analyse and confirm a variety of genetically-modified rice grains can provide recommended intakes of iron in rice-based human diets. The iron-enriched rice lines are currently being evaluated in large-scale field trials in Asia and South America.

Understanding our environment

- ANSTO has been enlisted in the first ever comprehensive study of the elemental make-up of ochre used in archaeological and historical Indigenous Australian objects and artwork. Dr Rachel Popelka-Filcoff of Flinders University along with collaborators at the South Australian Museum and Artlab are using ANSTO's Neutron Activation Analysis (NAA) facilities at the OPAL research reactor to examine the ochre used in these art works.

For more information or to take a tour of our Lucas Heights (NSW), Camperdown (NSW) or Clayton (Vic) campuses, please call ANSTO's Government Affairs team on 02 9717 3111.



Nuclear-based science benefiting all Australians

10 July 2017

Mr Rowan Ramsey MP
Government Whip
Member for Grey
PO Box 296
Port Pirie SA 5540

Dear Mr Ramsey

On Wednesday 14 June 2017, the Australian Nuclear Science and Technology Organisation (ANSTO) hosted a breakfast at Parliament House, highlighting the benefits associated with innovation precincts both in Australia and overseas, and introducing guests to ANSTO's proposed Innovation Precinct at its Lucas Heights campus in southern Sydney.

As you were unable to join us for the event, I have enclosed a copy of the ANSTO Innovation Precinct brochure, to provide you with some background on the project. Should you have any questions, or like any additional information, Ms Catherine Kelleher, ANSTO's Acting Manager, Government Affairs, will be pleased to assist. Catherine can be contacted on (07) 9717 3503 or at [REDACTED]@ansto.gov.au.

I understand we recently welcomed you to ANSTO's Lucas Heights (NSW) campus and I would also like to extend a standing invitation for you to visit our Clayton (VIC) campus. Catherine would likewise be pleased to arrange this.

Yours sincerely

A handwritten signature in black ink, appearing to read "Con Lyras".

Mr Con Lyras
Acting Chief Executive Office

ATTACHMENT B – REVIEW RIGHTS

Internal review

If you are dissatisfied with this decision, you have certain rights of review available to you. Firstly, under section 54 of the Act, you may apply for an internal review of the decision. It is not necessary to go through ANSTO's internal review process and you may apply for a review by the Information Commissioner (see below). However, the Information Commissioner is of the view that it is usually better to seek an internal review first.

Your application for an internal review must be made within 30 days, or such further period as ANSTO allows, of your receiving this notice.

No particular form is required to apply for review although it will assist your case to set out in the application the grounds on which you believe that the original decision should be overturned. An application for a review of the decision should be addressed to:

Email address: foi@ansto.gov.au or

Postal address: FOI Coordinator
Locked Bag 2001
Kirrawee DC NSW 2232

Information Commissioner

You may also apply to the Information Commissioner for a review of the decision, or the subsequent internal review decision made by ANSTO. Your application must be made within 60 days, or such further period as the Information Commissioner allows, of your receiving the notice of an initial decision or a decision made on internal review.

No particular form is required to apply for review although it must give details on how notices may be sent to you (e.g. postal or email address) and include a copy of the notice of the decision given by ANSTO. The application should also contain particulars of the basis on which you dispute the decision.

You can lodge your application with the Office of the Australian Information Commissioner in a number of ways:

Online: www.oaic.gov.au

Post: GPO Box 5218 Sydney NSW 2001

Fax: +61 2 9284 9666

Email: enquiries@oaic.gov.au

In person: Level 3, 25 National Circuit, Forrest, ACT, or at Level 8, Piccadilly Tower, 133 Castlereagh Street, Sydney, NSW

Complaints to the Commonwealth Ombudsman

You may also complain to the Ombudsman concerning action taken by an agency in the exercise of powers or the performance of functions under the FOI Act. There is no fee for making a complaint. The Ombudsman will make a completely independent investigation of your complaint.

Complaints can be made in writing (GPO Box 442, Canberra ACT 2601), by telephone (1300 362 072), in person or by using an online complaint form: see www.ombudsman.gov.au.

The Ombudsman usually prefers applicants to seek internal review before requesting investigation of a complaint by the Ombudsman.