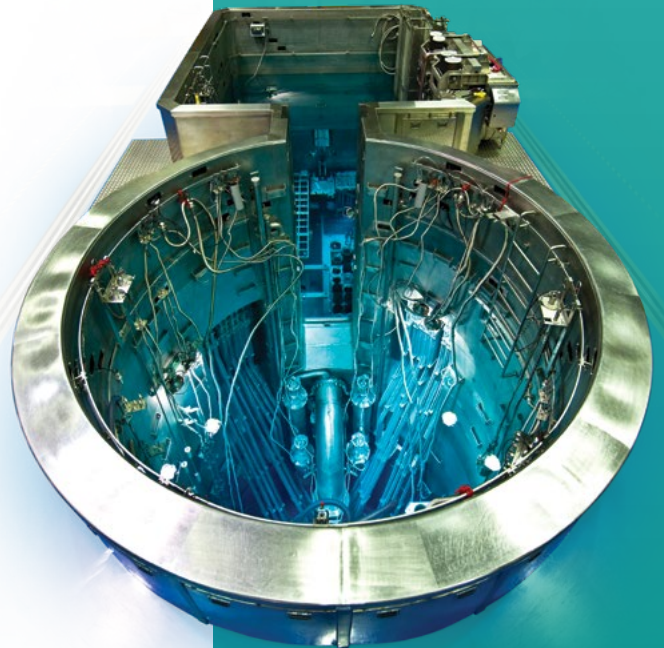
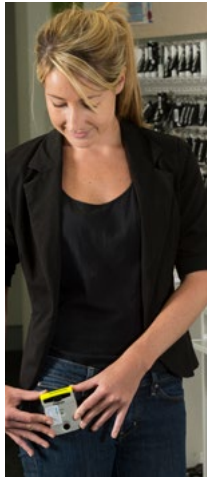




Senior Officer and Executive Training Course

For senior
officers and
executives across
Government
departments
and agencies

June 2023



About the course: Senior Officers and Executive Training Course

The nuclear industry has developed over more than 70 years and is the most highly regulated of industries globally.

In response to both the diverse range of hazards, which have been the most studied of occupational hazards, and in response to significant industrial accidents, a set of safe operating models, codes and standards have been developed.

The nuclear context needs to be understood by the leaders of all organisations working within the nuclear industry.

As a senior decision maker within your organisation, it is important for you to have a full understanding of these to support your success.

The nuclear industry, in particular, recognises that nuclear organisations do not operate in isolation and an incident at one facility or in one country, affects all.

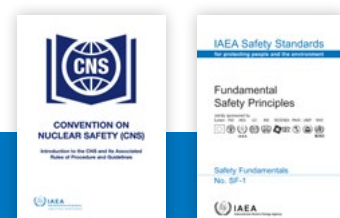
This Senior Officer and Executive training package has been developed initially to support incoming ANSTO executive and Board members' orientate into their roles however, we are pleased to broaden the offering of this course to our colleagues involved in the nuclear-powered submarine program; in other nuclear agencies and across Government to strengthen the leadership base across Australia's nuclear industry.

The aim of the Senior Officer and Executive training course is to ensure that the 'nuclear context' is understood by leaders and decision makers across the whole spectrum of the complex nuclear organisation and that they can:

- Understand their obligations
- Are committed to meeting those obligations and
- Can demonstrate that commitment through informed action

The aim of the Senior Officer and Executive training package is to ensure that the 'nuclear context' is understood by leaders and decision makers.

The Convention on Nuclear Safety ("the Convention" or "CNS"), drawn up in the aftermath of the Three Mile Island and Chernobyl accidents, was adopted in Vienna on 17 June 1994 and entered into force on 24 October 1996. The objectives of the Convention are to achieve and maintain a high level of nuclear safety worldwide, to establish and maintain effective defenses in nuclear installations against potential radiological hazards to protect individuals, society and the environment from harmful effects of ionizing radiation from such installations, and to prevent accidents with radiological consequences and to mitigate such consequences should they occur.



PRINCIPLE 1: Responsibility for safety-
The prime responsibility for safety must rest with the person or organization responsible for facilities and activities that give rise to radiation risks.

PRINCIPLE 3: Leadership and management for safety-
Effective leadership and management for safety must be established and sustained in organizations concerned with, and facilities and activities that give rise to, radiation risks.

What you will learn

After completing the course, senior executives and officials will have a sound understanding of the following:

- Leadership responsibilities for the safety of staff, community and the environment
- The importance of managing the nuclear baseline
- Nuclear mindset and safety culture and systems and how to establish and maintain these, what happens if things go wrong
- Governance and the regulatory framework in Australia and global requirements – a holistic view of why we do what we do in the nuclear industry.
- Nuclear safeguards and security
- Nuclear social licence and the Australian context

Includes:

VIP tour of Australia's OPAL multi-purpose reactor and nuclear facilities including radioactive waste stores



The Open Pool Australian Light-water (OPAL) reactor.



The TN-81 Intermediate-level waste casinster.

Course format

This course is delivered over two days, a third day is available for more technical training. Training is delivered in person at the ANSTO Lucas Heights Campus in Southern Sydney.

The course can accommodate 15 senior officials/executives and a networking dinner will be organised by ANSTO for all participants.

The Course is led by ANSTO's Chief Nuclear Officer, Hefin Griffiths with presentations from subject matter experts from across ANSTO as well as the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA), the Australian Safeguards and Non-Proliferation Office (ASNO) and the Australian Radioactive Waste Agency (ARWA).



Hefin Griffiths
Chief Nuclear Officer

Dates for 2023

Wednesday - Thursday
5-6 July 2023

Wednesday - Thursday
18-19 October 2023

Dates for 2024

Wednesday - Thursday
6-7 March 2024

Wednesday - Thursday
23-24 June 2024

Costs per participant

A significant part of ANSTO's roles is to provide expertise and advice across Government, industry and to the Australian public on nuclear science and technology.

The costs per executive will cover the cost to deliver the course and includes accommodation and catering.

2
day course*

Maximum of
15
participants

Includes

accommodation

VIP OPAL tour

catering

Cost

\$2,800 + GST
per participant

- Covers two day course
- Includes catering
- Includes one night hotel accommodation

* Day 3 cost on application

Course overview

TOPIC	DETAILS
Day 1	
Leadership responsibilities for process safety	<p>Requirements of the Leadership group to ensure safe operating of high-risk facilities.</p> <p>Examination of the consequences of leadership failures in relation to industrial accidents and potential impact on reputation and social licence through case studies.</p>
Nuclear safety principles	The requirements of the IAEA Safety Fundamentals Document SF-1 and the ARPANSA Holistic Safety guideline.
Leadership in nuclear	<p>The requirements from IAEA GSR Part 2 Leadership and Management for Safety.</p> <p>Understand the fundamentals of the INSAG 18 report that provides and insight into managing organisational change in the nuclear Industry and their effects on safety, including the role and importance of managing the Nuclear Baseline.</p>
Safety culture	Insights into the INSAG 15 report on key practical issues in strengthening safety culture.
Due diligence decision making: Decision points and the outcomes for the lifecycle of a facility incorporating work-centred design.	The unintended consequences of decisions on the future safe build, operations and eventual decommission/ demolition for a facility.
Day 2	
Radiation safety contamination and dose monitoring	Basic nuclear/radiation risk, control and assurance.
Case studies	<p>Key learning from ANSTO Events.</p> <p>Nuclear social licence and the Australian context.</p>
Regulatory framework	The requirements of ARPANS/ASNO Act and other regulators, piecing together why we do what we do.
Nuclear security and safeguards	The requirements of ARPANS/ASNO Act and Regs, piecing together why we do what we do.
Day 3 (optional)	
OPAL specific	Reactor safe operation and briefing.
Media training and crisis communications	

ANSTO's training credentials – Australia's experts in nuclear education and workforce training

ANSTO is Australia's national nuclear science and technology organisation and represents the lion's share of Australia's small but highly complex, world class nuclear capabilities.

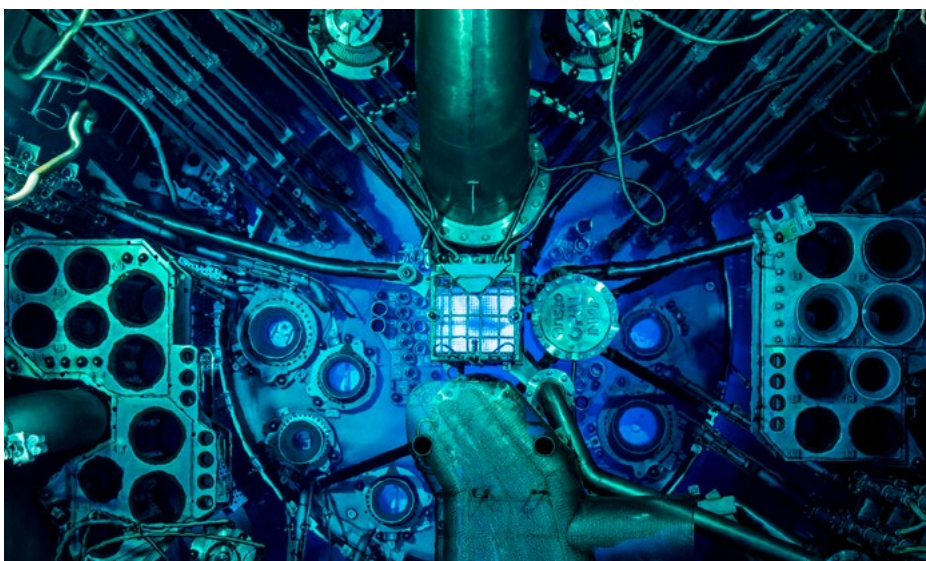
The OPAL reactor, one of the world's best multi-purpose reactors and Australia's only operating reactor, is located alongside our nation's broader nuclear research and technology capabilities on ANSTO's main campus south of Sydney CBD.

A significant part of ANSTO's role is to provide expertise and advice across Government, industry and to the Australian public on nuclear science and technology.

ANSTO are leaders in workforce training across the Australian nuclear industry and our Radiation Safety Training business has over 30 years' experience providing expert advice and delivery of accredited training to Australian industry each year.

ANSTO is also the recognized leader in nuclear education for Australian teachers and students. With programs accredited by New South Wales Education Standards Authority (NESA), and recognized by all other states and territories. Currently ANSTO delivers teacher professional development training to approx 1,000 science teachers each year. ANSTO is also recognized as a global leader in the development of STEM education programs and resources through the IAEA and for supporting global capabilities building and workforce development. In partnership with the IAEA ANSTO delivers a training program for university level teachers and professional communications staff of nuclear organisations globally, supporting improvements in how nuclear science and technology is taught and communicated.

Public education and engagement on nuclear matters is also an area where ANSTO leads and has lent support to the Department of Industry (ARWA) with public communication and education on Australia's management of radioactive waste and supported the progress made on public engagement to support the National Radioactive Waste Management facility (NRWMF) in Kimba.



ANSTO's OPAL multi-purpose reactor core.

A significant part of ANSTO's role is to provide expertise and advice across Government, industry and to the Australian public on nuclear science and technology.

Contact details

Please feel free to contact our team for further information.

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