



WINS Academy

The WINS Academy

Supporting Professional Development and Capacity Building
for Nuclear Security Management and Radioactive Source
Security Management

PRESENTER'S NAME

DATE

LOCATION

WINS Purpose and Objectives



WINS' primary purpose is to improve the professionalism and competence of all those involved in nuclear security so that nuclear and other radioactive material are not used for a criminal or terrorist purpose.

WINS' overall objective is to enhance the nuclear security profession and the associated regulatory and management systems that support nuclear security.

WINS Services



NETWORK OF
MEMBERS
WORLDWIDE



WORKSHOPS
AND EVENTS



INTERNATIONAL
BEST PRACTICE
GUIDES AND
SPECIAL REPORTS



WINS ACADEMY
CERTIFICATION
PROGRAMME



PEER REVIEW
AND EVALUTATION

Why become a WINS member?

Peaceful uses of nuclear and other radioactive material require effective nuclear security and radioactive source security management

Global nuclear security is only as strong as its weakest link

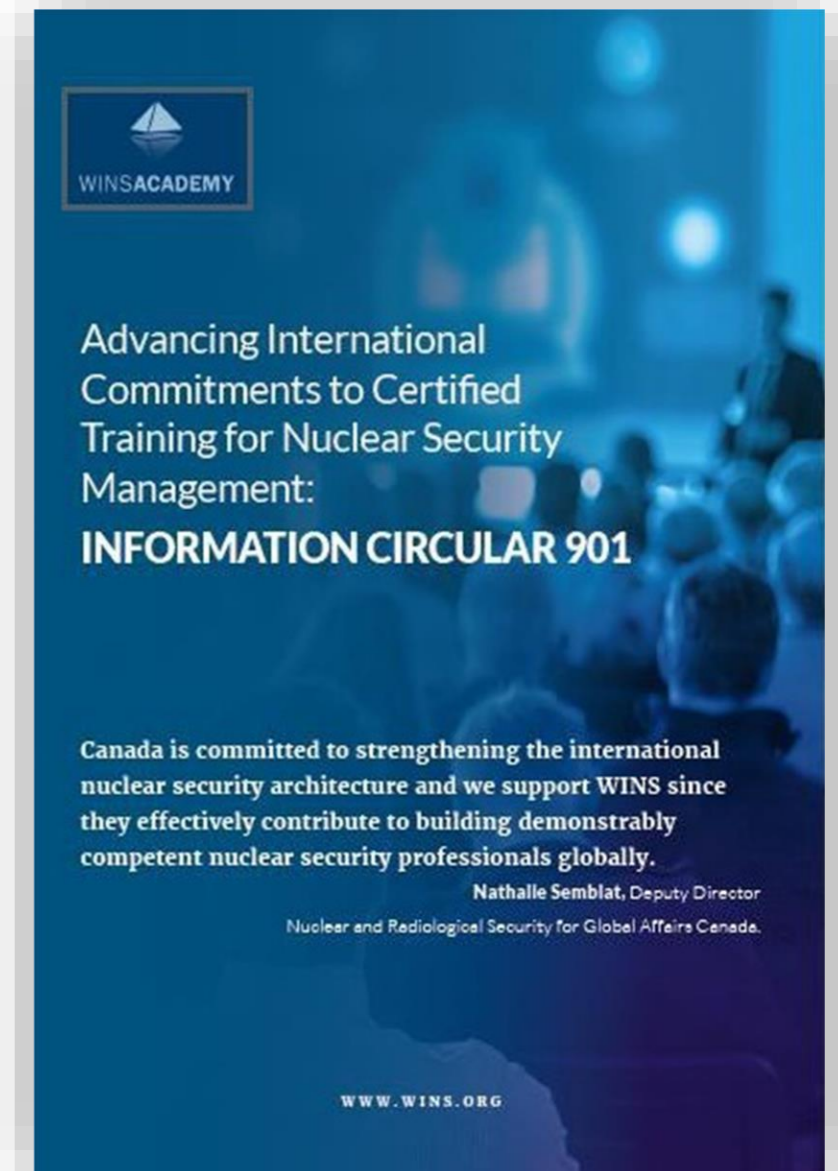
Effective and sustainable nuclear security and radioactive source security requires new generations of professionals

Focusing on new threats and emerging risks and supporting agile and responsive security is important for peace and security

Information Circular 901: Joint Statement on Certified Training for Nuclear Security Management

“Canada, the Netherlands, New Zealand, Norway, the United Kingdom and the United States, together with a number of corporations and foundations, joined together to establish the WINS Academy, the world’s first structured professional development and certification program for nuclear security managers. [...]

“The training program is designed to develop a network of certified professionals who are implementing meaningful and sustainable changes to security culture and best practices worldwide.”



The WINS Academy: Professional development and certification

- Professional knowledge development
- Recognition of achievement
- Demonstrable competence
- Problem-solving approach
- Practitioner-focused, cross-disciplinary and immediately useful
- Practical information with case studies, exercises and questions for reflection

SCHOLARSHIPS ARE
AVAILABLE FOR WOMEN
AND MEN FROM COUNTRIES
WITH DEVELOPING
INFRASTRUCTURE

The WINS Academy

- Certified Nuclear Security Professional (CNSP)
- Certified Radioactive Source Security Management Professional (CRSP)



Certified Nuclear Security Professional (CNSP)

- Foundation Module plus one elective
- About 40 hours of study per module
- Can be completed entirely online or with hardcopy textbooks
- No prior knowledge required
- Foundation Module and Transport Security Management elective available in Spanish
- Proctored exams online or in person



Foundation Module

- Key features of the nuclear industry
 - Historical development
 - Future prospects
 - National and international stakeholders
- Key characteristics of nuclear and other radioactive material
- The changing threat environment
- Actions by governments, industry and nongovernmental communities to enhance the nuclear security regime
- Communications and employee engagement



Nuclear Security for Scientists, Technicians and Engineers

- Basic threats to nuclear and other radioactive material
 - Insider threats
 - Cyber threats
- Role of scientists, technicians and engineers in helping to decrease threats
- Basic physical security concepts
- Interface between safety and security



Nuclear Security Incident Management

- Preparing a guard force to respond to an incident
- Managing a response to an incident
- Postincident investigations
- Planning and testing emergency response
- Increasing decision making effectiveness



Communicating with Civil Society

- The communication process
- Sharing information honestly and transparently while maintaining the security of sensitive information
- Stakeholder dialogue and active engagement
- Techniques for traditional and social media
- Communicating about nuclear security in a crisis



Nuclear Security Programme Management

- Establishing a comprehensive nuclear security programme
- Addressing complex threats
- Gaining organisational support
- Characteristics of an effective security director
- Managing relationships with internal stakeholders and stakeholders
- Measuring performance



Nuclear Security Regulation

- The outcome-focused, risk-based approach to nuclear regulation and implementation
- Building trust between regulators and licensees
- The regulatory cycle
- Measuring regulatory performance and competence



Transport Security Management

- The international framework for transport security
- Types of materials that are transported
- The risks these materials pose during transport
- Developing a sound security system
- The graded approach
- Ensuring response capabilities are adequate over the transport route



Nuclear Security Governance: Board and Executive Interactions

- Role of nuclear security in supporting an organisation's operational strategy
- The potential consequences of failing to manage the risks arising from nuclear security threats
- Developing a nuclear security policy and strategy
- Implementing a nuclear security programme
- Creating and maintaining strong security culture throughout the organisation



Cybersecurity in the Nuclear Industry

- The information technology (IT) and operational technology (OT) systems that could be targeted by a cyberattack
- Cyberthreats and their motivation, intention and capability
- Preparing for and responding to a cybersecurity incident



Certified Radioactive Source Security Management Professional (CRSP)

- 30-40 hours of study
- Can be completed entirely online or traditional textbooks
- Available in English and Spanish
- Does not require enrolling in the Foundation Module
- Single exam
- Proctored exams online or in person



Radioactive Source Security Management Standalone Module

- Security threats and the risks arising from them
 - Security systems
 - Protecting and securing radioactive sources
 - Mitigating the threats
- Minimising the risks of harmful events
- Role of security culture and human reliability programmes
- Interface between safety and security



Why certify?

94%

of WINS Certified Nuclear Security Professionals believe the WINS Academy Programme was **time well invested**.

96%

of WINS Certified Nuclear Security Professionals agree their competence in nuclear security has **improved because of the Academy courses**.



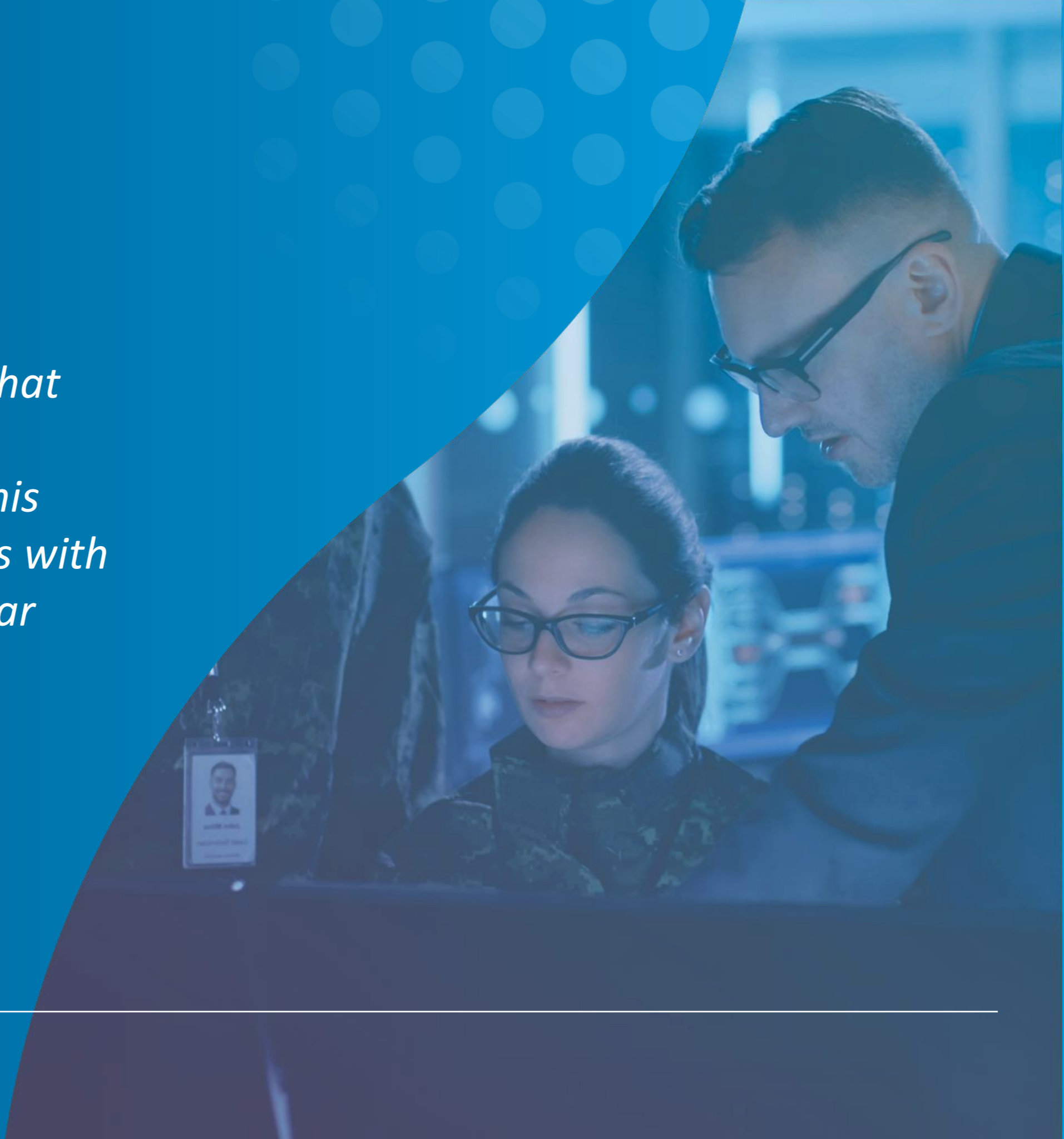
“Acquiring WINS Academy certification not only shows your competency in nuclear security or radioactive source security but also gives one confidence to run various tasks, take up higher positions and get more responsibilities in your organisation, which will give you an edge in your career.”

MERCY MURIITHI
RADIATION PROTECTION OFFICER II
KENYAN NUCLEAR REGULATORY AUTHORITY

Employer perspective

“The WINS certification programme is a tool that helps to build our members’ knowledge and credibility as nuclear security professionals. This programme is key to providing our Supervisors with an understanding of how we fit into the nuclear industry on a global scale.”

CHRIS FIELDS
EMERGENCY SERVICES MANAGER
POINT LEPREAU NUCLEAR GS



WINS Gender Champion Programme

- ✓ Female subject matter experts
- ✓ Certification and professional development in nuclear security through scholarships for the WINS Academy
- ✓ Greater participation of women in WINS events
- ✓ Collaboration with other programmes to increase women's participation





Sustaining the Engagement: The WINS Professional Network

“Having WINS CNSPs has not only been cost-effective for NSCDC in terms of training personnel, but has also expanded its network and access to valuable insight on nuclear security matters.”

OKE FELIX

ASSISTANT COMMANDANT GENERAL

CRISIS MANAGEMENT DIRECTORATE NIGERIA SECURITY AND CIVIL DEFENCE CORPS



WINS Academy

Thank you for your attention

Learn more at www.wins.org

EMAIL

PRESENTERSEMAIL@MAIL.COM