NEA
NUCLEAR ENERGY AGENCY

Workshop on Counterfeit, Fraudulent and Suspect Items (CFSI) Management for the Nuclear Supply Chain

PROGRAMME

Ankara, Türkiye
7-8 October 2026

Hosted by

NDK
NÜKLEER DÜZENLEME KURUMU

Organised in co-operation with

IAEA
International Atomic Energy Agency

Context of the workshop

The globalisation of commerce, combined with the projected growth of global nuclear capacity by 2050, present both new opportunities and emerging challenges for the nuclear supply chain. In this context, regulators have expressed growing concerns about the potential rise of counterfeit, falsified and suspect items (CFSI) infiltrating the nuclear supply chain.

In recent years, several cases of CFSI have been identified in many countries related to modified (falsified) certificates and counterfeit equipment already delivered to the nuclear industry. While some of these cases highlight gaps in safety culture within the supply chain, they also underscore the urgent need to improve detection and prevention mechanisms across the industry and with regulators.

The nuclear industry recognises the significant risks posed by CFSI and acknowledges the need to strengthen procurement processes, supply chain organisation culture, quality assurance/quality control activities and the sharing of CFSI events. Addressing these challenges with CFSI – through enhanced quality control, better detection practices, safety culture, sharing of information and targeted training – will help reinforce organisational resilience, and ensure the continued safety and integrity of nuclear operations.

Background

The NEA Committee on Nuclear Regulatory Activities' (CNRA) Working Group on Supply Chain (WGSUP) was formed in 2023. The purpose of the CNRA WGSUP is to build on the previous group's progress and collaborate on supply chain (SC) regulatory activities. The group's mandate can be summarised as:

- Share good practice and enhance supply chain regulatory oversight approaches.
- Collaborate on vendor inspections and share the outcomes of inspection programmes.
- Leverage the collective regulatory position and resources.
- Focus regulators, licensees and vendors on the areas of greatest risk.

To achieve its purposes, it is essential that the group engages with industry and Standards Development Organisations (SDOs) to consider areas of emerging risk, and enable enhancements supporting efficient and effective regulation.

This workshop has been developed in partnership with other CNRA working groups: the Working Group on Leadership and Safety Culture (WGSLC), the Working Group on Human and Organisational Factors (WGHOF) and the Expert Group on Operating Experience (EGOE), and partners such as the International Atomic Energy Agency (IAEA), to align, where appropriate, improvement and oversight activities of the industry, its regulators and SDOs.

This new work will aim to build on the successful 2018 and 2024 CNRA/WSGUP Workshops on Nuclear Supply Chain Management (2018 workshop proceedings[1] and 2024 workshop proceedings[2]), which both identified CFSI as a risk for the nuclear industry.

1. NEA (2023), "The 2018 Committee on Nuclear Regulatory Activities/Multinational Design Evaluation Programme Workshop on Nuclear Supply Chain Management: Proceedings", OECD Publishing, Paris, www.oecd-nea.org/jcms/pl_19914.

2. NEA (2026), "The 2024 Workshop on Nuclear Supply Chain: Assurance Today, Confidence Tomorrow", OECD Publishing, Paris, www.oecd-nea.org/jcms/pl_120777.

Purpose and objectives

The recommendations from the 2024 workshop on supply have been reviewed by regulators, licensees and nuclear suppliers, as well as international and non-governmental organisations. The three key recommendations are: mitigating CFSI risks, strengthening organisational culture and leadership, and defining a clear stance on organisational culture. The 2026 CFSI workshop will address these recommendations.

Agenda

The workshop will be held over two days on 7-8 October 2026. It will be structured around four sessions and will include keynote speeches from regulators and industry leaders, and insights from related high-risk industries.

The sessions will also focus on corrective actions and recommendations to enhance CFSI prevention and detection processes.

Sessions will consider the Technical Document from the IAEA and the Common Positions of the NEA, examine them and analyse whether to update both documents**.**

Audience perspectives

Audience perspectives will be obtained throughout the workshop via panel question and answer sessions. In addition, a dedicated interactive thread will be utilised to obtain audience perception of key risks, challenges and opportunities, to maximise attendee participation.

Outcomes

The CNRA will publish the workshop proceedings, post event, to support the dissemination of the key messages. The proceedings will include recommendations that should be considered by regulators, licensees and nuclear suppliers, as well as international and non-governmental organisations.

Language

The working language is English.

Workshop Chair

Mr Sezar Ercan, Head of Inspections Department, Nuclear Regulatory Authority (NDK), Türkiye (CNRA).

Contacts

Keiko Chitose	(Keiko.Chitose@oecd-nea.org)
Stephanie Ruiz	(Stephanie.Ruiz@oecd-nea.org)

Programme Committee

The Programme Committee (PC) Members who developed the programme and prepared the workshop are:

Jérémy Hubert	WGSUP Chair, France
Dan Papaz	WGSUP Vice-Chair, Canada
Stuart Allen	WGSUP, United Kingdom (UK)
Sean Peters	WGHOF Chair, United States (US)
Julien Husse	EGOE Vice-Chair, France
Christina Fischer	IAEA
Marc McBride	WGLSC Chair, Office of Nuclear Regulation, UK
Helen Berry	WGLSC, UK
Miroslav Mařík	WGSUP, Czechia
Kevser ÖNEY	WGSUP, NDK, Türkiye

This workshop is organised by

Nuclear Energy Agency (NEA)

The NEA is the only intergovernmental agency which brings together a selection of countries from the Americas, Europe and the Asia-Pacific region in a non-political forum, dedicated to sharing and disseminating state-of-the-art knowledge in the field of nuclear energy.

For more information, visit www.oecd-nea.org.

This workshop is organised in co-operation with

International Atomic Energy Agency (IAEA)

Widely known as the world's "Atoms for Peace and Development" organisation within the United Nations family, the IAEA is the international centre for co-operation in the nuclear field. The Agency works with its Member States and multiple partners worldwide to promote the safe, secure and peaceful use of nuclear technologies.

For more information, visit www.iaea.org.

This workshop is hosted by

Nuclear Regulatory Authority (NDK), Türkiye

The Nuclear Regulatory Authority (NDK) carries out regulatory control activities within the framework of Law No. 7381 Nuclear Regulation Law, Presidential Decree No. 95 and other relevant legislation, to protect workers, the public, the environment, and future generations from the potential harmful effects of ionising radiation arising from the use of nuclear energy and ionising radiation.

For more information, visit https://www.ndk.org.tr/en-US.

Day 1 – Wednesday, 7 October 2026

8:30-9:00	**Registration**
Opening session *9:00-9:20*	
9:00-9:20	**Welcome and introductory remarks** İbrahim Halil Dere, Vice President of the Nuclear Regulatory Authority (NDK) (Türkiye) Jérémy Hubert and Dan Papaz, Working Group on Supply Chain (WGSUP) Chair and Vice-Chair
Keynote session 1 *9:20-9:40*	
9:20-9:40	**CFSI Management: Lessons Learnt from Global Nuclear Operators** Hyojin Kim, Deputy Director for New Nuclear, World Association of Nuclear Operators (WANO)
Session 1 – Current Situation of Counterfeit, Fraudulent and Suspect Items (CFSI) *9:40-12:30*	
Session to consider the current situation and risks associated with counterfeit, fraudulent and suspect items (CFSI) within the nuclear supply chain and the challenges faced by the industry.	
9:40-9:50	**Introduction of session 1** Moderators: Christina Fischer (IAEA), Ulrich Drosten (WGSUP, Switzerland)
9:50-10:10	**Commercial Grades Dedication** Marc Tannenbaum, Principal Technical Executive, EPRI (US)
10:10-10:40	**The KELPO initiative** Teemu Kelavirta, Group Manager, Fortum Power and Heat Oy (Finland) Ville Paavola, Qualification Manager, Loviisa Nuclear Power Plant, Fortum (Finland)
10:40-11:00	Coffee break and group picture

11:00-11:30	**The vision of the third-party bodies** Dominique Kugler, Senior auditor-inspector, TUV SUD (France) Philippe Callens, Expert Nuclear Pressure Equipment, Vinçotte (Belgium)
11:30-11:40	**WANO CFSI guidelines for operators** Sushank Saha, Vice President, Bruce Power (Canada)
11:40-12:30	**Panel discussion** and interactive session (SLIDO)
12:30-13:45	Lunch break
Session 2 – Root causes of counterfeit, fraudulent and suspect items (CFSI), and the relation to safety culture *13:45-16:15*	
Session to review the root causes of CFSI and the most commonly impacted areas. It will examine the importance of effective leadership and the establishment of the required organisational and safety culture to reduce risks.	
13:45-14:00	**Introduction of session 2** Moderators: Mike Richardson (WGHOF, UK) Lisa Trenn (WGHOF, Germany)
14:00-14:20	**CFSI quality nuclear safety culture** Kamil Capürka, Quality control manager, Ĉez (Czechia)
14:20-14:40	**Activities to foster a nuclear safety culture after the investigation into the root cause of the CFSI issue** Tomoaki Abe, Section manager – Quality Assurance Group, Japan Steel Works (Japan)
14:40-15:00	**Overall impact of CFSI incidents to a nuclear project** Ladislav Tomasovsky, Senior Specialist for Supervision, Mochovce Units (Hungary)
15:00-15:10	**OPG CFSI response to recent CFSI challenges** Mihai Pletosu, Senior Manager Quality Assurance, Ontario Power Generation (Canada)
15:10-16:15	**Panel discussion** and interactive session (SLIDO)
16:15-16:30	Coffee break
Breakout sessions *16:30-18:00*	
16:30-17:45	After a CFSI: How to rebuild trust
17:45-18:00	Key messages from breakout sessions
18:00	End of day 1

Day 2 – Thursday, 8 October 2026

Summary of day 1 ***8:30-9:00***	
8:30-9:00	**Key messages after day 1** Jérémy Hubert and Dan Papaz, Working Group on Supply Chain (WGSUP) Chair and Vice-Chair, Hyojin Kim (WANO)
Session 3 – Tools to prevent and detect CFSI *9:00-12:30*	
Session to explore the tools available to prevent and detect CFSI prior to impacting safe operations. The session will consider the application of enabling technologies and the importance of independent whistleblowing routes.	
9:00-9:10	**Introduction of session 3** Moderators: Julien Husse (EGOE, France), Jean-Baptiste Toureau (WGSUP, France)
9:10-9:30	**Quality fraud prevention in Japan's Nuclear Industry** Ryota Kudo, Senior Expert, Nuclear Energy Systems & Services Division, Toshiba Corporation, Japan
9:30-9:50	**Tools implemented in the French Nuclear Supply Chain to prevent, detect and treat CFSI** David Ohayon, Directeur Performance Industrielle Délégué Commission Q&S, GIFEN, France
9:50-10:10	**CFSI prevention – CANPAC Audit Strategy** Nancy Boraso, CANPAC Program Director, CANPAC (Canada)
10:10-10:40	Coffee break
10:40-10:50	**AI uses to detect CFSI in the United States** Earl Mayhorn, Principal Engineer Supplier Quality and NUPIC Chair, Ameren (US)
10:50-11:10	**NÜTED's role as a Technical Support Organisation in addressing CFSI** Osman Altunkal, Deputy General Manager, NÜTED (Türkiye)
11:10-11:30	**Detection and characterisation of a suspected CFS: Lessons learnt** Fabrice Mousset, Directeur délégué qualité, EDF (France) Miquel Angel Oliver Escandell, Manager de la Cellule Opérationnelle CFS à la Direction de la Supply Chain, EDF (France)
11:30-12:30	**Panel discussion** and interactive session (SLIDO)
12:30-13:45	Lunch break

Session 4 – Regulatory approaches and how to collaborate to implement safety culture *14:00-17:00*	
Session to consider the regulatory approaches to prevent and detect CFSI in the nuclear supply chain. It will examine regulatory collaboration and key activities to mitigate the risks of CFSI.	
13:45-14:00	**Introduction of session 4** Moderators: Stuart Allen (WGSUP, UK), Dan Papaz (WGSUP, Canada)
14:00-14:20	**The regulatory CFSI common position** Miroslav Mařík, Head of Department State Supervision Support, SURO (Czechia)
14:20-14:40	**How can regulators ensure the implementation of a safety culture?** Mike Richardson, Superintending Inspector, ONR, (UK)
14:40-15:40	**Regulatory approaches to prevent and detect CFSI and forward challenges**
15:40-16:00	Coffee break
16:00-17:00	**Round table discussions** Key messages addressed: What are the expectations of the audience for the regulators?
Closing session *17:00-18:00*	
17:00-17:40	**Summary of all sessions** All session moderators Jérémy Hubert and Dan Papaz, Working Group on Supply Chain (WGSUP) Chair and Vice-Chair
17:40-18:00	**Concluding remarks** Sezar Ercan, Head of the Inspection Department (NDK) and workshop Chair (Türkiye)
18:00	End of the workshop

Speaker biographies

Mr Sezar Ercan, Head of Inspection Department, Nuclear Regulatory Authority of Türkiye (NDK)

Mr Ercan has served as Head of the Inspection Department at NDK since 2020. In his current role, he oversees the regulatory inspection activities related to the Akkuyu Nuclear Power Plant, including site construction, mechanical works and overseas equipment manufacturing processes. He also manages inspection findings and non-conformity processes, as well as QA/QC inspections of licensees and suppliers, and contributes to the development of NDK's regulatory regulations, procedures and inspection frameworks.

Mr Ercan is a civil engineer with a Master's Degree in Construction and Environmental Engineering, specialising in Project Management, and has extensive executive and project management experience across major energy and infrastructure organisations, including State Hydyraulic Works (DSİ), Akfen Holding and Sakarya SASKi, bringing over two decades of expertise in large-scale engineering and public-sector management.

Mr Jérémy Hubert, Chair of the Working Group on Supply Chain (WGSUP) and Nuclear Safety Inspector (ASNR)

Mr Hubert chairs the WGSUP at the Nuclear Energy Agency. In his role to facilitate the exchange of vendor inspection reports and best practices among regulators, he actively engages with stakeholders to enhance collaboration and bring attention to emerging risks.

Mr Hubert also serves as Inspector for the French ASNR. He oversees the nuclear supply chain and has conducted multinational vendor inspections. Mr Hubert joined France's ASNR as a nuclear safety inspector in 2016 and brings with him over 16 years of experience in the nuclear industry. Prior to this, he worked as a nuclear engineer.

Mr Dan Papaz, Vice-Chair of the Working Group on Supply Chain (WGSUP) and Senior Management System Specialist (CNSC)

In his role as Vice-Chair of the WGSUP group, Mr Papaz works closely with the Chair to fulfil the WGSUP mandate. He brings over 40 years of professional experience to his engagement with WGSUP members and his efforts to improve group activities.

During his 20 years with the Canadian Nuclear Safety Commission (CNSC), Mr Papaz provided technical advice, reviewed compliance with regulatory requirements and ensured the effective implementation of licensees' policies, processes and practices for safety across waste management, decommissioning, deep geological repositories, nuclear power plant operations and small modular reactors licence activities.

Mr Hyojin Kim, Deputy Director for New Nuclear, World Association of Nuclear Operators (WANO)

Mr Kim is a strategic nuclear industry leader with more than 40 years of international experience, including a decade with the World Association of Nuclear Operators (WANO) in the London Office, advancing operational readiness and excellence for the next generation of nuclear power. He is recognised for his expertise in navigating complex, multi-technology environments and driving the safe, reliable deployment of both conventional large-scale reactors and advanced nuclear technologies.

Mr Kim has led WANO Pre-Startup Peer Reviews (PSURs) and New Unit Assistance (NUA) missions for more than 40 nuclear units worldwide, spanning a broad range of reactor technologies, including AP1000, APR1400, EPR, Hualong One, iPHWR700, VVER-440/1000/1200 and HTGR PM reactors. His extensive hands-on experience encompasses nuclear plant operations, maintenance, engineering, and corporate leadership roles within both operating stations and utility headquarters.

He brings a unique combination of technical depth, operational insight and international leadership experience, enabling organisations to strengthen nuclear safety, enhance performance, and achieve successful outcomes throughout the lifecycle of new nuclear projects and operations.

Nuclear Energy Agency (NEA)
46, quai Alphonse Le Gallo
92100 Boulogne-Billancourt, France
Tel.: +33 (0)1 73 21 28 19
nea@oecd-nea.org **www.oecd-nea.org**

Cover page photo: Nuclear Power Plant (Daniel Prudek/Shutterstock).