

Aim:

The aim of the seminar is to convey to participants a good general understanding of all aspects of the EURATOM Treaty, in particular of chapter VII on Nuclear Safeguards in the EU, and to familiarize them with the legislative framework for implementing EURATOM Nuclear Safeguards.

Learning Objectives:

At the end of the course, participants will be able to:

- Have a good general understanding of the EURATOM Treaty and in particular its safeguards provisions
- Have a very good understanding of EURATOM Regulation 302/2005 and its requirements for accountancy and reporting, including practical applications
- Understand the modalities for the cooperation between EU and IAEA in the context of safeguards inspections
- Apply the newly acquired knowledge in their everyday work.

At the end of the course participants will receive a certificate of attendance.

Selection of participants:

The organisers give selection priority to Member State representatives and nuclear operators involved in Nuclear Safeguards in Europe. Other interested parties may be admitted depending on the availability of places. A maximum of 30 participants is foreseen. Ideally participants should already have some basic knowledge of nuclear safeguards.

We offer an optional introductory session on MONDAY, 5 December 2016 (afternoon) during which we give a general overview of the basic aspects of EURATOM Nuclear Safeguards and the implementation principles.

COSTS:

The seminar is free of charge. However, participants (or their organisations) have to cover their own travel and accommodation costs.

PRACTICAL INFORMATION AND USEFUL LINKS:

FOR ACCOMODATION:

City tourist office: <http://www.lcto.lu/>

Some hotels: <http://www.lcto.lu/en/stay/accommodation>

PUBLIC TRANSPORT :

<http://www.vdl.lu/Mobilit%C3%A9/Autobus/D%C3%A9parts+des+bus+en+temps+r%C3%A9el.html>

- from the airport to the city centre: bus nr° 16
- from the main railway station to the Euroforum building: bus nr° 18

CONTACT:

To apply, please contact Edyta Kozłowska-KATO (+352-4301 37590) Edyta.Kozlowska@ec.europa.eu

Deadline for applications: 12 September 2016



EURATOM MEMBER STATES TRAINING 2016

EUROPEAN NUCLEAR SAFEGUARDS TRAINING SEMINAR

ORGANISED BY:

EUROPEAN COMMISSION

DIRECTORATE GENERAL FOR ENERGY

EURATOM SAFEGUARDS

LUXEMBOURG

5-8 DECEMBER 2016**VENUE:**

European Commission

DG Energy

EUROFORUM Building

10, rue Robert Stümper

L-2557 Luxembourg

Energy

Draft Programme

(Luxembourg, Meeting Room EUROFORUM 001)

Monday (5 December) OPTIONAL SESSION - EUROFORUM 001

- 14.00-17.00 Introduction to EURATOM Nuclear Safeguards:
- Safeguards concepts applicable to the Nuclear Fuel Cycle
 - Reporting and Accountancy under 302/2005

(Coffee break : approx. 15.15-15.30)

Tuesday (6 December) EUROFORUM 001

- 08.30 Registration of participants
- 09.00-09.10 Welcome address
- 09.10-09.30 Introduction of participants
- 09.30-12.00 EURATOM Treaty
- 12.00-13.15 Lunch break
- 13.15-13.45 „A day in the life of a nuclear inspector,,
- 13.45-14.15 Fundamental Principles of EURATOM Safeguards implementation and cooperation with the IAEA
- 14.30-14.45 International Agreements
- 14.45-16.30 Additional Protocol: Introduction
- 16.30-17.00 Open discussion with Additional Protocol Team
- 17.00-19.00 Cocktail reception at the EUFO canteen

(Coffee break : approx. 10.00-10.20, 14.15-14.30)

Wednesday (7 December) EUROFORUM 001

- 09.30-12.00 Regulation 302/2005
- 12.00-13.15 Lunch break
- 13.15-16.30 Practical Accountancy Exercises
- 16.30-17.00 Accountancy wrap-up and feedback on exercises
- Open discussion with Accountancy Team

(Coffee break : approx. 10.30-10.50, 15.00-15.20)

Thursday (8 December) EUROFORUM 001

- 09.00-09.35 NMAC Systems in EURATOM Safeguards
- 09.35-10.05 The use of statistics in nuclear material accounting and verification
- 10.05-10.25 Integrated Management System of the Nuclear Safeguards Directorate
- 10.25-11.00 Case studies / Q&A session
- 11.00-11.15 Coffee break
- 11.15-12.00 Radiation and workplace safety of inspectors, Q&A session
- 12.00-13.00 Lunch break
- 13.00-13.45 Practical aspects of typical safeguards inspection activities
- Together with the IAEA / Without the IAEA
- in “item installations”
 - in “bulk installations”
- Overview on NDA and C/S Technologies
- 13.45-14.30 Course evaluation, wrap-up and certificates