

The logo for IRSN, featuring the letters 'IRSN' in a bold, sans-serif font. The 'I', 'R', and 'S' are red, while the 'N' is blue.

INSTITUT
DE RADIOPROTECTION
ET DE SÛRETÉ NUCLÉAIRE

THE NON-PROLIFERATION WEBSITE

On November 6th, 2007

Seminar 3 - Nuclear Material and Nuclear Facilities
Securities

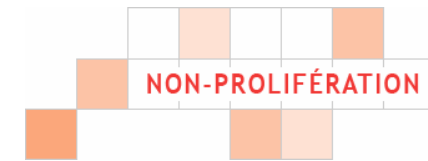
Eric Leclère, IRSN/DEND/SACI

Objectives

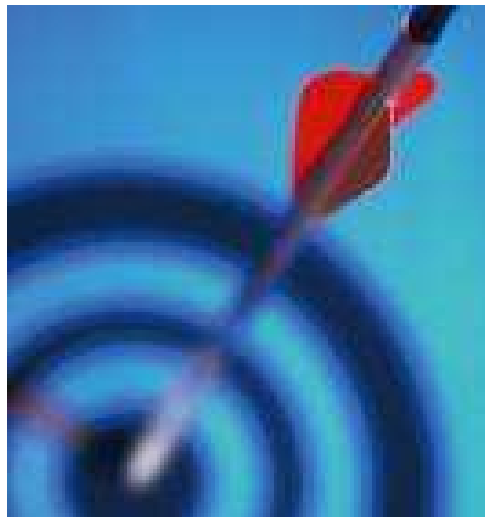


- Providing a general information to our main interlocutors (main actors of the French nuclear sector and chemical areas),
- Replacing controls carried out in France in an international context,
- Reinforcing our mission of assistance / advice to the operators
 - Provide the relevant tools to operators concerned by these Treaties (legal and juridical texts, guides, forms of declaration),
 - Helping the operators in evolution of regulation room (New Euratom reglementation and additional Protocol, OIAC Decisions).
- Promoting the IRSN missions in this area (thematic site of www.irsn.org).

Targets



1. Nuclear or Chemical Operators,



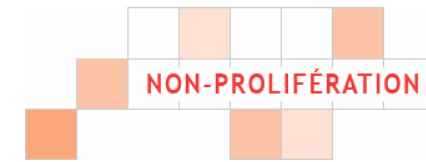
2. Central services of the main operators,

3. Public (specialized).

www.irsn.org/non-prolifération
Put on line on January 24th, 2007



Covered fields



Chimie

**Convention on the Prohibition
of the Chemical Weapons**



Nucléaire

**Safeguards agreement (Infcirc/290)
Additional Protocol**



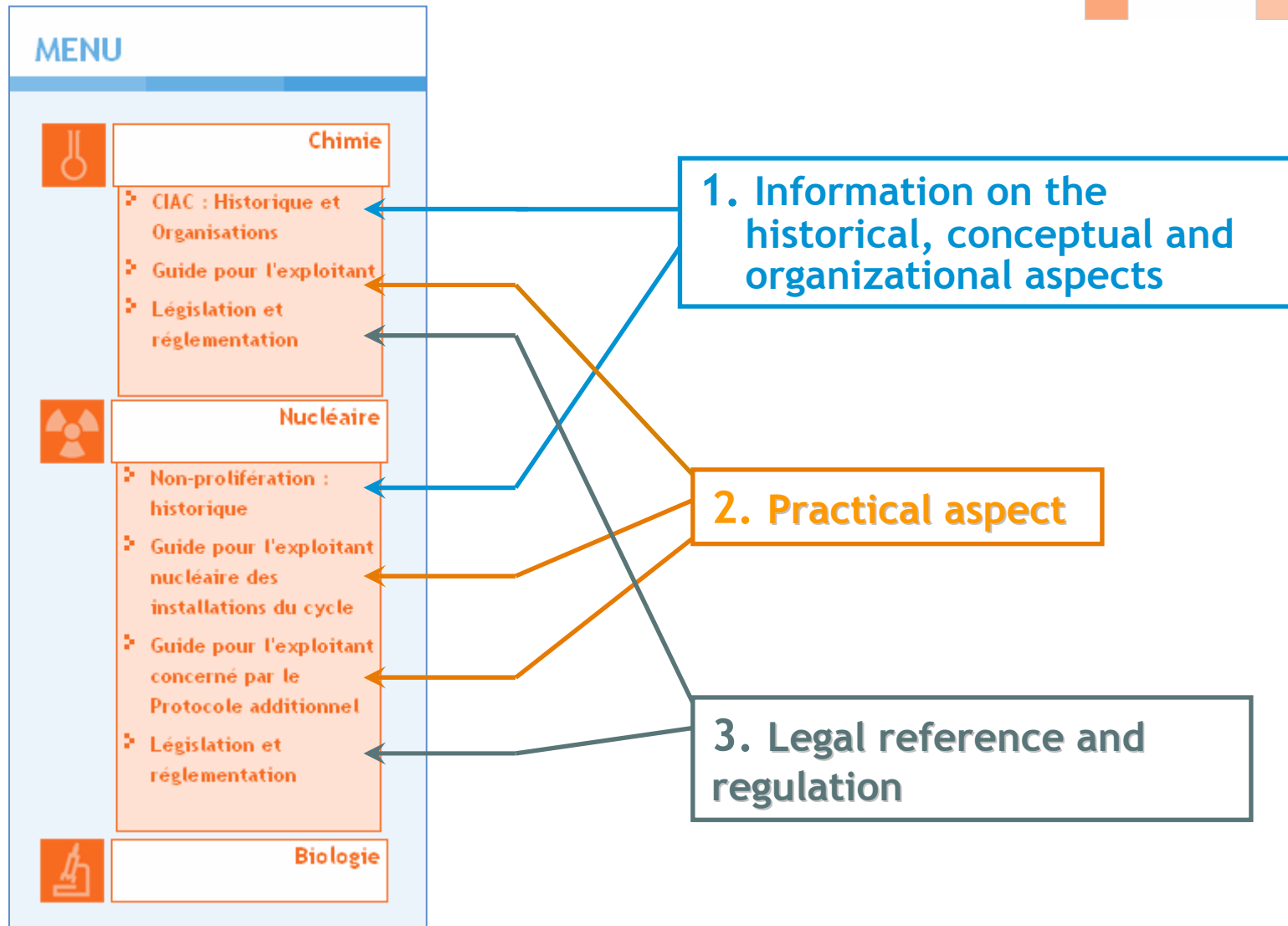
Euratom Treaty - Regulation 302/2005



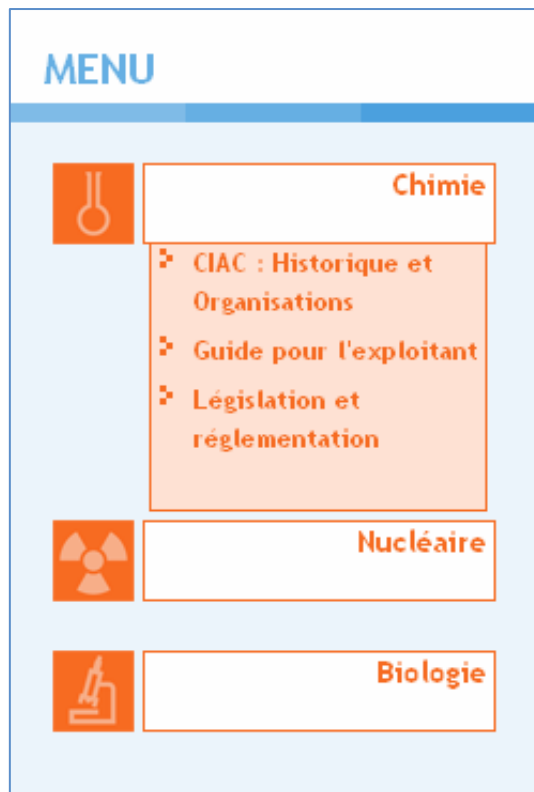
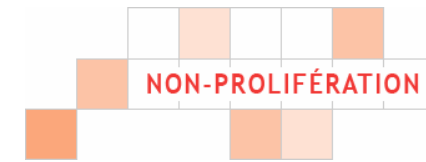
Biologie

**Convention on Prohibition of the
Biological Weapons and with Toxins**

A common architecture



Chemical non-proliferation



➤ Informative aspect

- History of the chemical weapons and chemical non-proliferation,
- Convention (CWC),
- OPCW,
- The French organization.

➤ Practical aspect

- Chemicals aimed by the CWC,
- Activities declarations,
- Inspections.

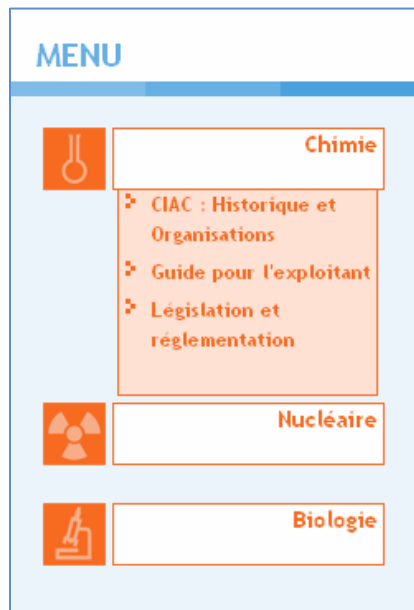
➤ Reference frame

- International texts,
- National texts (laws and decrees).

Chemical non-proliferation



Practical guide :  250 operators



➤ Chemical products

- The Different families,
- Their industrial applications.

➤ Different types of declarations

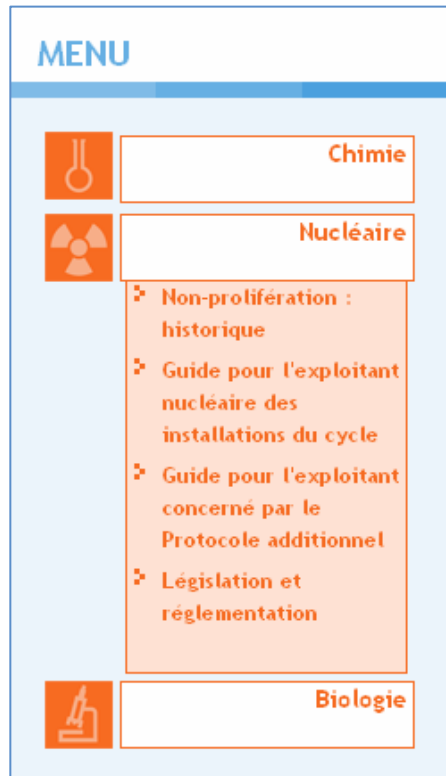
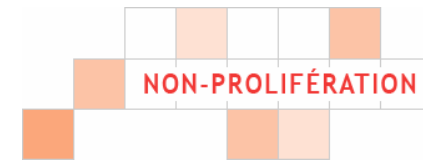
- Explanations (types, frequency ...),
- Limits Date of transmission,
- Possibility of downloading :
 - 10 declaration forms,
 - 4 declaration handbooks.

➤ Inspections

- The different types,
- The preparation and the followed,
- The role of the different actors :
 - Operator,
 - Inspectors,
 - IRSN (IRSN (the representatives of the French authorities).)



Nuclear non-proliferation



➤ Informative aspect

- Important dates of nuclear non-proliferation,
- IAEA,
- Euratom,
- The French Organization.

➤ Guide for operators of the installations of the cycle

- Nuclear matters concerned,
- Declarations,
- Inspections.

➤ Guide for operators concerned with the Additional Protocol

- Are you concerned ?
- Declarations,
- Complementary Accesses.

➤ Reference frame


- International texts,
- European texts,
- National texts.

Nuclear non-proliferation

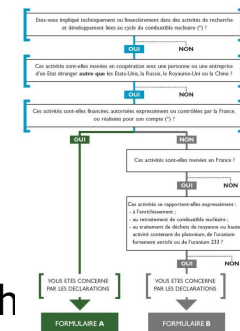


Practical guide :  300 operators

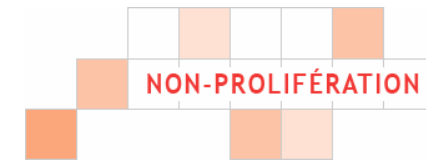
MENU

-  Chimie
-  Nucléaire
 - Non-prolifération : historique
 - Guide pour l'exploitant nucléaire des installations du cycle
 - Guide pour l'exploitant concerné par le Protocole additionnel
 - Législation et réglementation
-  Biologie

- Nuclear matters (NM) concerned with Euratom Treaty & INFCIRC/290
- Activities concerned (Additional prot.)
- Different types of declarations (NM or Additional Prot.)
 - Explanations (types, frequency ...),
 - Limits Date of transmission,
 - Possibility of downloading :
 - 11 declaration forms,
 - 3 declaration handbooks.
- Inspections (NM or Additional Prot.)
 - The different types,
 - Preparation and unfolding,
 - The role of the different actors :
 - Operators,
 - Inspectors,
 - IRSN (the representants of the French authorities).



Bilan



■ Project management

- Duration : 1 year (editorial part + feed of the contents),
- Charges : 4 men x month.

■ Achieved objectives

- Very good return of the operators : general aspects and practical guides,
- Transfer of competence towards SACI for the website administration.

■ Statistics

- A number of connections (by address IP) :
 - February 2007 : 7 800
 - Mars 2007 : 15 000 (+ 90%)
 - April 2007 : 17 300
 - May 2007 : 16 700
 - June 2007 :
 - July 2007 :
 - August 2007 :
 - September 2007 :
- 3rd website more visited after "irsn.org" and "Netscience"
- Pages the most read :
 - Guide for operators (declaration and inspection),
 - Historical.



More information, consult website « non-proliferation »
of the IRSN to the address :

www.irsn.org/non-proliferation