"France is about to ratify the Convention from 2005 on the suppression of acts of nuclear terrorism and the amendment to the Convention on the physical protection of nuclear material (CPPNM). France also calls on all countries not having done so to access the CPPNM and ratify its amendment to allow for the rapid application of this convention.

To go further and set the example, France will also ask the IAEA to carry out an assessment mission on its national regime of physical protection of nuclear activities (International Physical Protection Advisory Service) on one fuel cycle facility and one nuclear power plant."
The IPPAS was created by the IAEA to assist its member states in the assessment and reinforcement of their national regime of nuclear security. This relates to:

- National security regulations
- Implementation on nuclear facilities

The IPPAS provides experts’ advice (peers) on the basis of international instruments on nuclear security, leading to:

- Recommendations for improvements
- Identification of good practices
- Proposals for assistance (training, seminars, etc.)

To date, approximately 50 IPPAS missions have been carried out among which 5 in Western Europe (Finland, the Netherlands, Switzerland, Sweden, United Kingdom)

Since the first mission in 1996, France has contributed to 18 missions (17 IRSN and 1 CEA) both for initial missions and "follow-up" missions
STAGES OF THE PROCESS

- Formal State request
- Preparatory meeting, appointment of an IAEA coordinator (+ 2/3 months)
- Collection of documentation, creation of the team of experts (+ 2/3 months)
- IPPAS mission, approx. 2 weeks. Drafting of a preliminary report presented at the end of the mission
- State comment on the draft report (+ 1 month)
- Final report (+ 1 month)
- If need be, follow-up mission (IPPAS follow up) 2 or 3 years later
MOTIVATIONS

- Set an example
- Benefits of a peer checking
- Recognition of our practices
  - Regulations covering theft and sabotage
  - Complementary between physical protection and accounting for and control
  - Graded approach
  - Defence-in-depth
  - Performance based approach
  - Synergies between safety and security
  - Performance of security exercises

- Confidentiality
  - No sensitive information is exchanged during the mission
OFFICIAL REQUEST BY THE FRENCH GOVERNOR WITHIN THE IAEA

- Assessment of the national regime for the physical protection of nuclear facilities
- Protection of nuclear facilities against sabotage
- Excluding transport
- Excluding defence-related activities
- Verification of the implementation of this regime at the EDF power plant at Gravelines
- The AREVA site at La Hague, initially also proposed, was not retained by the IAEA
COMPOSITION OF THE EXPERTS' TEAM

- Head of the mission: A. Hagemann (GRS)
- Technical coordinator: A. Stadalnikas (IAEA)

Members of the mission panel
- 2 experts in physical protection
- 1 expert in regulations
- 1 representative of response forces
- 1 lawyer
- 1 technical secretary (IAEA)

=> including
- 1 person of African origin (South Africa)
- 1 person of North America origin (USA)
- 1 person of West Europe origin (UK)
- 2 French-speakers (Belgium and Switzerland)
PROGRAM

Two preparatory meetings

- Ministry of the economy, sustainable development, transport and accommodation (MEDDTL) 31 March and 1 April
- GRAVELINES 13 September

IPPAS mission, 14 - 25 November

- MEDDTL - presentation, organisation and regulations 14 and 15 Nov.
- SATORY - presentation, response forces and intervention 16 Nov.
- GRAVELINES - site visit and practice exercise 17 and 18 Nov.
- MEDDTL and EDF/Wagram, drafting of report and interviews 21 - 23 Nov.
- MEDDTL - presentation and discussion of the draft report 24 Nov.
- MEDDTL - presentation of recommendations and conclusions 25 Nov.
ENTITIES INVOLVED

- **MEDDTL** (hosting of IPPAS and nuclear security)
- **SGDSN** (State organisation in the field of security and critical sectors of activity)
- **Ministry of justice** (penal sanctions and use of weapons)
- **Ministry of foreign affairs** (ratification of the CPPNM)
- **Ministry of the Interior** (management of response forces)
- **ASN** (link between nuclear safety and nuclear security)
- **French national gendarmerie division** (intervention strategy)
- **GIGN SWAT team** (intervention strategy)
- **EDF headquarters** (security policy of the operator)
- **EDF Gravelines site** (protection of a nuclear site)
- **IRSN** (technical support for authorities)
DOCUMENTATION

Synthesis document describing French nuclear security policy

Translation of the main regulations
- TSN law (nuclear safety and transparency)
- Articles L.1332 and L.1333 of the defence code
- PCMNIT decree (protection and control of nuclear material, facilities and transport)
- SAIV decree (critical sectors of activity)
- "Procedure" decree (for basic nuclear installations)
- Order on physical protection
- Order on accounting for and control
- Order on security studies
- Order on authorisation process
- Order dealing with the declaration regime
- Order on groups of experts (advisory standing groups)

Synthesis document describing EDF security policy