



Directorate-General
for Energy



- # Additional Protocol Implementation Experience – ITALY –

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- Additional Protocol (INFCIRC/193/Add.8) and the European Commission
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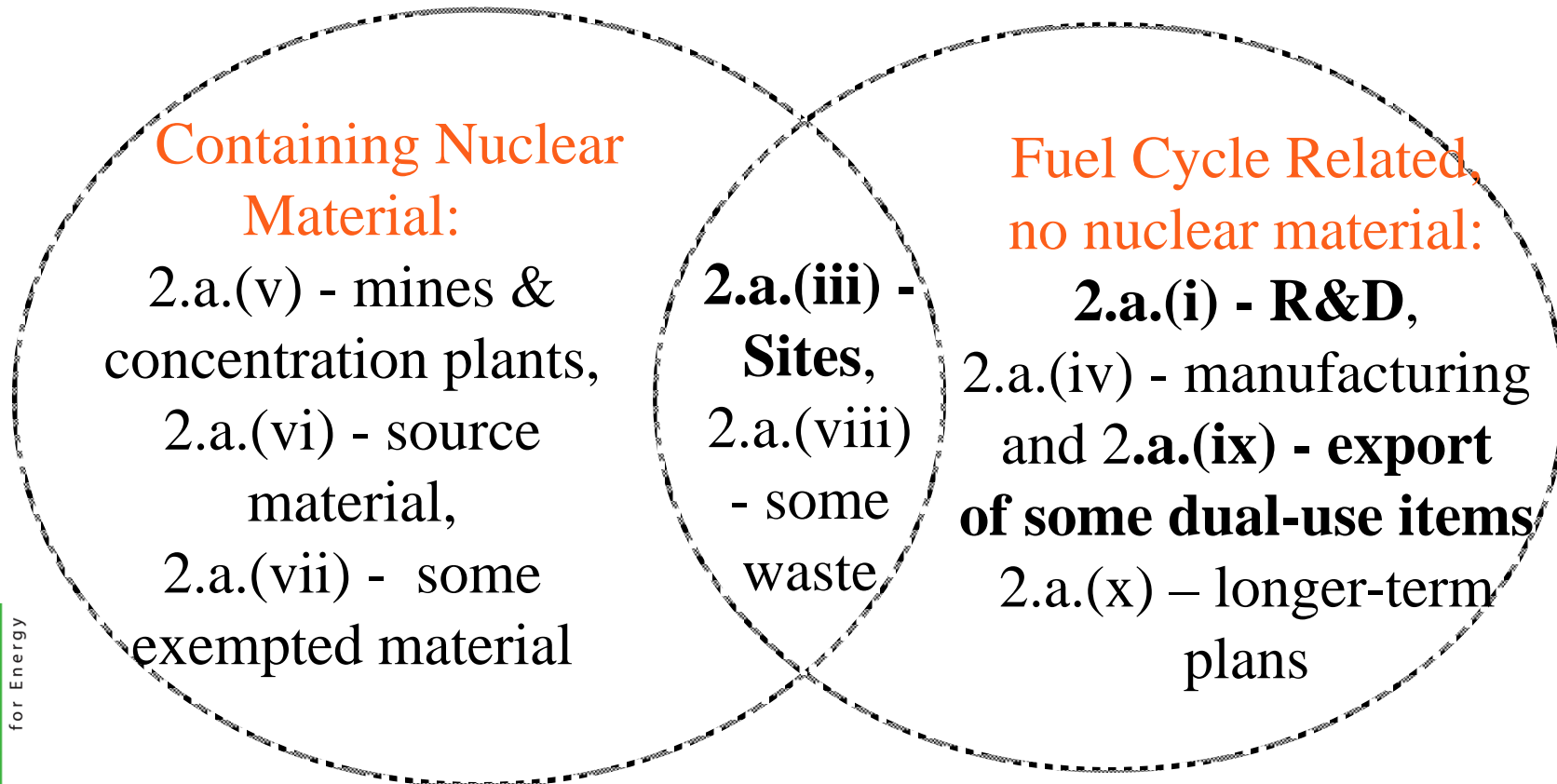
The European Commission and the AP

- Reporting for all 25+2 Member States
- About 400 declarations to the IAEA in a year
- 170 sites in 22 Member States
- Replies to IAEA queries
 - » Article 2.c.
 - » Discrepancies in swipe results
- Complementary Access
 - » Participation, reporting, follow-up

Additional Protocol in Italy

- Entry into force: 30 April 2004
- Initial declaration: 28 October 2004
- 7th update: 15 May 2011
- Side-letter State: all reports through EC
- Articles 2.a.(i), 2.a.(iii), 2.a.(ix), 2.c
- Sites 16 + JRC Ispra
- Total, lines 1761
- CA 16
- Swipes taken (CA) 20

Reporting – ITALY





Reporting Process Steps Italy – Euratom

- Each Site Representative sends draft declaration to Euratom (with a copy to ISPRA)
- Euratom checks the draft and asks for corrections if needed by an email to the Site Representative (with a copy to ISPRA)
- The Site Representative sends corrected declaration to Euratom (with a copy to ISPRA)
- Euratom sends the complete submission by post to ISPRA for approval
- ISPRA approves the submission
- Euratom sends the submission to the IAEA



Annual Updates

- An individual reminder to all from whom we expect a declaration - January.
- Ask for advice, if in doubt!
- Draft declaration to Euratom



Annual Updates – Deadlines

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1 April

- ⇒ Possible Euratom questions
- ⇒ Corrected declaration on time



Export Controls – EU law and the AP (1)

- Regulation 428/2009 (“Dual-Use Regulation”)
 - » Common legal frame for export controls in EU
 - » Member States responsible for implementation (licensing)
- Article 2.a.ix declarations usually based on data collected under the Dual-Use Regulation
 - » Some differences exist between Annex II and the Dual-Use Regulation
- NB. Data collected under the Dual-Use Regulation can also serve for declarations under Article 2.a.iv



Export Controls – EU law and the AP (2)

- Regulation 428/2009 (“Dual-Use Regulation”)
 - » 0C004 Graphite, nuclear grade, having purity..
 - Graphite powder not covered.
 - Mass less than 1kg not covered, except if for use in nuclear reactor.
- AP Annex II more limited, e.g.
 - » 2.2 Nuclear grade graphite... having purity...
 - for use in a nuclear reactor and
 - in quantities exceeding 30 metric tons for one recipient country in any period of 12 months.
 - For reporting, the Government will determine whether exports meeting the specification are for nuclear reactor use.

AP Declaration - Italy

	2.a.(i)	2.a.(iii)	2.a.(ix)	2.c.
Total lines	14	1064	648	26
Current lines	12	381	648	26

CA in the EU and in Italy

	2005	2006	2007	2008	2009	2010	2011 *)
Tot.	44	25	28	25	36	44	26
Italy	4	0	3	2	3	2	2
'24h'	25	18	27	23	34	40	24
'2h'	19	7	1	2	2	4	0

CA Activities – Swipes

- Over 260 swipes taken since 2005

Year	2005	2006	2007	2008	2009	2010	2011*
%CA swipes	86%	52%	54%	35%	39%	52%	64%
swipes /CA	2.00	1.32	0.86	0.78	0.86	0.93	0.69



Replicate Swipes

- When the IAEA takes swipes during CA, the Euratom inspector asks the IAEA to provide 2 replicates of each for reference.
- The Euratom inspector packs the replicates into a poach, seals them and leaves them to the Operator.
- The Operator is asked to store them until they receive a notice from Euratom on action to take.

IAEA Statements – Article 10

- **After each CA - Article 10.a.(i)**
 - » Within 60 days
 - » Where – when – what
- **After CA under Article 5.b and 5.c - Article 10.a.(ii)**
 - » Question resolved?
 - » As soon as the IAEA has drawn its conclusions
- **Annually – Article 10.b.**
 - » Conclusions on whether undeclared nuclear material or activities were present in locations accessed.



Thank you for your attention!