



« Nuclear energy, nuclear technologies, and radiological protection »

ISO/TC 85

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## Moscow 2014, 19<sup>th</sup> Plenary Meeting

### Secretariat report

**F**OLLOW UP

For information

**S**OURCE

ISO/TC 85 Secretary

**N**OTE

# ISO/TC 85

« Nuclear energy, nuclear technologies,  
and radiological protection »

**Secretariat Report,**  
Moscow 2014



**afnor**  
GRUPE



# ISO/TC 85 Figures and News

# ISO/TC 85 – Secretariat Report – Moscow 2014

## Participation



- ◆ Some **100** Experts
- ◆ From **3** continents
- ◆ Representing **14** countries
- ◆ We are honoured to welcome **1** new P-Member: **Saudi Arabia**  
and 1 O-Member: **Yemen**

# ISO/TC 85 – Secretariat Report – Moscow 2014

## Commitment



### ● In ISO/TC 85 but also in all SCs:

#### ◆ TC 85:

- P-Members: 2014: 21 / 2012: 21
- O-Members: 2014: **22** / 2012: 20

#### ◆ SC 2:

- P-Members: 2014: **26** / 2012: 28
- O-Members: 2014: **6** / 2012: 4

#### ◆ SC 5:

- P-Members: 2014: 21 / 2012: 21
- O-Members: 2014: **7** / 2012: 7

#### ◆ SC 6:

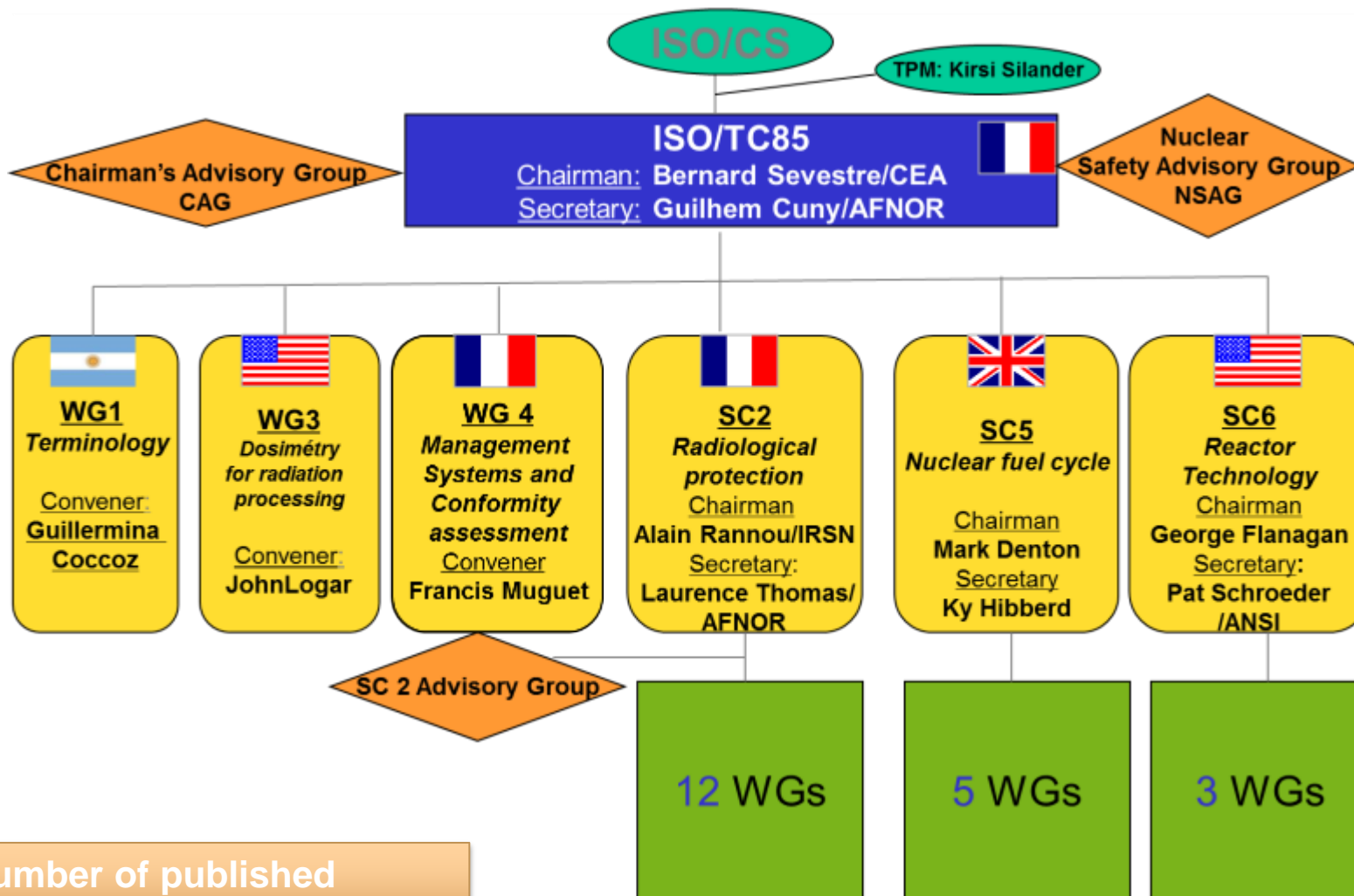
- P-Members: 2014: **20** / 2012: 21
- O-Members: 2014: **7** / 2012: 6



# Presentation of ISO/TC 85

# ISO/TC 85


Nuclear energy, nuclear technology and radiological protection



Number of published standards : 180 (TC 85 : 28)

# ISO/TC 85/SC 2 Radiological Protection



  
**SC2**  
**Radiological Protection**  
  
Chairman  
**Alain Rannou**  
Secretary  
**Laurence Thomas**

12 WGs

Number of published standards : 80

WG conveners

**AG** Advisory Group



**WG 2** Reference radiations fields



**WG 11** Sealed sources



**WG 13** Monitoring and dosimetry for internal exposure



**WG 14** Air control and monitoring





# ISO/TC 85/SC 2 Radiological Protection



**WG 17** Radioactivity measurements



**WG 18** Biological dosimetry



**WG 19** Individual monitoring of external radiation



**WG 20** *Illicit trafficking in radioactive material - DORMANT*

**WG 21** Dosimetry for exposures to cosmic radiation in civilian aircraft



**WG 22** Dosimetry and related protocols in medical applications of ionizing radiation



**WG 23** Shielding and confinement systems for protection against ionizing radiation




**WG 24** Remote handling devices for nuclear applications



# ISO/TC 85/SC 5 Nuclear Fuel Cycle



  
**SC5**  
*Nuclear fuel cycle*  
  
Chairman  
**Mark Denton**  
Secretary  
**Ky Hibberd**

5 WGs

Number of published standards : 67

## WG conveners

**WG 1** Analytical methodology in the nuclear fuel cycle



**WG 4** Transportation of radioactive material



**WG 5** Waste characterization



**WG 8** Nuclear criticality safety




**WG 13** Decommissioning



# ISO/TC 85/SC 6 Reactor Technology



  
**SC6**  
**Reactor  
Technology**  
  
Chairman  
**George Flanagan**  
Secretary  
**Pat Schroeder**  
/ANSI

3 WGs

Number of published standards : 5

WG conveners

**WG 1** Power reactor analyses and measurements



**WG 2** Research and test reactors



**WG 3** Power reactor, siting, design, operation and decommissioning



# ISO / TC 85

## Involvement of countries (by sub-committees)



ISO COUNTRIES	TC 85		SC 2		SC 5		SC 6		COUNTRIES	TC 85		SC 2		SC 5		SC 6	
	P	O	P	O	P	O	P	O		P	O	P	O	P	O	P	O
Argentina	X		X		X		X		Korea, Republic of	X		X		X		X	
Austria	X		X						Mongolia		X		X		X		
Belgium	X		X		X		X		Netherlands		X	X		X		X	
Brazil		X		X					Norway		X		X				
Bulgaria	X		X		X		X		Pakistan		X	X		X		X	
Canada	X		X		X		X		Poland		X	X			X		X
China	X		X		X		X		Romania		X		X		X		X
Cuba		X							Russian Federation	X		X		X		X	
Czech Republic		X	X						Saudi Arabia	X							
Egypt		X							Serbia		X						
Finland		X	X			X	X		Slovakia		X		X		X		
France	X		X		X		X		South Africa		X		X		X		X
Germany	X		X		X		X		Spain	X		X		X		X	
Greece		X							Sweden	X		X		X		X	
Hong Kong		X							Switzerland	X		X		X		X	
Hungary		X	X			X	X		Thailand		X						
India	X		X		X		X		Turkey		X						X
Indonesia		X							Ukraine	X		X		X		X	
Iran	X		X		X		X		USA	X		X		X		X	
Italy	X		X		X		X		United Kingdom	X		X		X		X	
Japan	X		X		X		X		Yemen		X						
									Vietnam		X						

42 countries



# Follow-up of Paris Resolutions

# ISO/TC 85 – Secretariat Report – Moscow 2014

## Follow-up of ISO/TC 85 Paris Resolutions



ISO/TC 85 Paris Resolutions	Follow-up June 2012 – June 2014
<b>2012/3 Paris</b> Business Plan 2012	<b>Done:</b> N 1300. Updated version 2014 should be approved in this Plenary
<b>2012/4 Paris</b> Ad hoc group on integrated management system and conformity assessment standards	<b>Done:</b> WG 4 has been created. First meeting held on March 2014
<b>2012/5 Paris</b> Terminology	<b>Done:</b> ISO 12749-2 is published Parts 3 (DIS) and 4 (CD) on going
<b>2012/8 Paris</b> Nuclear Safety Advisory Group (NSAG)	<b>Done:</b> first meeting on 2014-06-04

## Follow-up of permanent resolutions

# ISO/TC 85 – Secretariat Report – Moscow 2014

## Follow-up of ISO/TC 85 Permanent Resolutions

2/3

ISO/TC 85 Permanent Resolutions	Follow-up
2010/10 Jeju Global Directory updating	Done: Permanent action
2010/11 Jeju Improving international participation	Done: Permanent action



# ISO/TC 85 – Secretariat Report – Moscow 2014

## Follow-up of ISO/TC 85 Permanent Resolutions

3/3

ISO/TC 85 Permanent Resolutions	Follow-up
<b>2012/6 Paris</b> Preliminary work item (PWI)	<b>Done:</b> Permanent action
<b>2012/7 Paris</b> Standards harmonization initiative	<b>Done:</b> Permanent action
<b>2012/9 Paris</b> Standards access	<b>Done:</b> Permanent action (N 1252)
<b>2012/10 Paris</b> Liaisons with other nuclear organizations and other ISO/TCs	<b>Done:</b> Permanent action (N 1275)
<b>2012/11 Paris</b> Scope, structure and contacts	<b>Done:</b> Permanent action (N 1301)
<b>2012/12 Paris</b> Communication toolbox	<b>Done:</b> Permanent action (N 1229)
<b>2012/13 Paris</b> ISO/TC 85 external communication	<b>Done:</b> Permanent action



# ISO/CS key messages

**Mrs Kirsi Silander – van Hunen**  
**Technical Programme Manager**  
**ISO Central Secretariat**



# Thank you very much

for your attention, commitment  
and involvement in

# ISO/TC 85 Work!