

# Scientific meeting on the Belgian transposition of the EU Basic Safety Standards Directive

Avis ABR sur le contrôle physique - Advies van BVS over de fysische controle

2 papers (2014 & 2015)

One position paper (2016) during the consultation of stakeholder by FANC

Elaborated by WG and approved by the Bureau ; published on the website of ABR/BVS



# References

**Council Directive 2013/59/Euratom** of 5 December 2013 laying down basic safety standards for protection against the dangers arising from exposure to ionising radiation, and repealing Directives 89/618/Euratom, 90/641/Euratom, 96/29/Euratom, 97/43/Euratom and 2003/122/Euratom

**Act of 4 August 1996** on well-being of workers in the performance of their work

**Royal Decree of 20 July 2001** laying down the General Regulation for the protection of the public, workers and the environment against the hazards of ionizing

**Royal Decree of 30 November 2011** on the safety requirements for Nuclear Installations

**Royal Decree of 17 October 2011** on the physical protection of nuclear materials and nuclear installations.

The results of **the IRRS mission** of December 2013



## RPO/RPE

One of the major topics of the EU directive **2013/59/EURATOM**

radiation protection expert" means an individual or, if provided for in the national legislation, a group of individuals having the knowledge, training and experience needed to give radiation protection advice in order to ensure the effective protection of individuals, and whose competence in this respect is recognised by the competent authority

radiation protection officer" means an individual who is technically competent in radiation protection matters relevant for a given type of practice to supervise or perform the implementation of the radiation protection arrangements

In the present regulation (RD 20 July 2001) the « expert de contrôle physique » is rather close to the RPE; however, there is no clear equivalent to the RPO



## What suggests ABR/BVS

- Close integration of radiological and nuclear safety in general structure about safety on the workplace (SIPPT/IDBW)
- Full time = clear priority
- Clear categorization of the mission of the RPE (with possibility of a list, to extend to nuclear safety and including transportation): **however beyond the prescriptions of the directive**
  - Council
  - Approval (in accordance with the role of the counsellor on the field of classical safety on the workplace)
  - Intervention (as in the present situation)
- Responsibility of the management
- Education and training

**Remark: the internal counsellor is not always the expert described in the present regulation in accordance with the principle of graded approach**



## What suggests ABR/BVS

The counsellor in radiological protection is not necessary the chief of the classical protection service; however this chief has a minimum knowledge in RP

Survey by the Authority :

- efficacy and efficiency
- Possibility of delegation but full and clear separation with tasks earned by the operators  
(**conflict of interests !**)

This suggestion is fully in accordance with the recommendation R 5 of the IRRS mission of December 2013, based on GSR Part 1, § 2.9 prescribing : “No responsibilities shall be assigned to the regulatory body that might compromise or conflict with its discharging of its responsibility for regulating the safety of facilities and activities.”, concluding that

**Government should update the regulatory framework to:**

- **ensure that the authorized party responsibility for health physics department cannot be provided by FANC or Bel V;**
- **clarify the roles of AIO and their interfaces with the regulatory body and the authorized parties**



## What suggests ABR/BVS

ABR/BVS insists on the permanence of the presence of the RPE in the installation and consequently on a limited possibility of the use of an external counsellor and only in some installations of class II and III.

A few members of the WG don't agree with 2 points and prefer:

- Possibility of delegation in class II and III;
- Plurality of missions delegated by the authority and tasks earned by the operator



Thank you for your attention

