


Sylvain ANDRESZ

30 years

 sylvain.andresz@cepn.asso.fr

 +0033 (0)1 55 52 19 27

ENGINEER SPECIALIZED IN NUCLEAR ENERGY

CURRENT JOB AND PROFESSIONAL SKILLS

Junior Researcher at the Nuclear Evaluation Protection Centre (CEPN, France) - since 2012

CEPN is a research and development centre in the field of optimisation of radiological protection under different perspectives: technical, health, economics and societal. My activities can be distinguished between the four areas of the CEPN's research programme:

Developpement et application of the optimisation principle



- ▶ Optimisation analysis and studies for nuclear utilities
- ▶ Evaluation of the implementation of radiation protection
- ▶ Benchmarking, surveys and feedback of experience

applied radiation protection, problem solving, rigorous technical experiences
audit, synthesis

Principles and methodologies to evaluate and manage radiological risks



- ▶ Managing existing exposure situations
- ▶ Involved in ICRP and IRPA organisations

capacity for research
team work, international perspective

Contribution to the development of a radiation protection culture



- ▶ Publication in peer reviewed journals
- ▶ Regular lectureships (at master and university levels)
- ▶ Elaboration of awareness campaigns
- ▶ Regular publication of newsletter; workshop planning, website management

editorial experience
communication and outreach
design and elaboration of documents,
innovation

Management of accident and post-accident situation



- ▶ Participation then planning of topical training courses in contaminated territories
- ▶ Involved in European projects on the theme

innovation, open-minded
project and strategic management

EDUCATION AND QUALIFICATION

2011 - 2012 **Nuclear Engineering graduation**
Institut National des Sciences et Techniques Nucléaires (INSTN), CEA Nuclear Centre, Cadarache, France
▶ Training course | 6 months | EDF/UNIE/GPSI | influence of primary circuit chemical condition on the hydraulic parameters of nuclear power plant reactors

2008 - 2011 **Management of Industrial Risk Engineering graduation**
Ecole Nationale Supérieure d'Ingénieurs de Bourges (ENSIB), Bourges, France
▶ Training course | 6 months | AREVA/SGN | Analysis of regulatory changes Analyse des impacts des réglementations américaine et anglaise sur deux projets du groupe AREVA

EXPERIENCES

Membership and association : Chair of the Young Generation Network of the International Association for Radiation Protection (IRPA), Vice-Chair of the Young Club of the French Association for Radiation Protection (SFRP); Task Group 76 of the International Commission for Radiological Protection (ICRP), Coordinator of the European ALARA Network (EAN)

Publication :

- *Radiological Protection from Cosmic Rays in Aviation - Is there a seat for Radiation Protection?* Radioprotection **52**(3), pp. 159-165, 2017 ;
- *Conclusions and recommendations from the 17th Workshop of the European ALARA Network 'ALARA in Emergency Exposure Situations'*, J. Radiol. Prot **38** pp. 434-439, 2018.

Language: English, German

Sports and interests: archery, regular practice of running and cycling ; cultural travel, cookery