



# RADIATION PROTECTION TRAINING IN FRENCH NPP'S

**Joint Topical Session of the WGDA and the  
Management Board on RP Education and Training  
for RP Staff and Exposed Workers**

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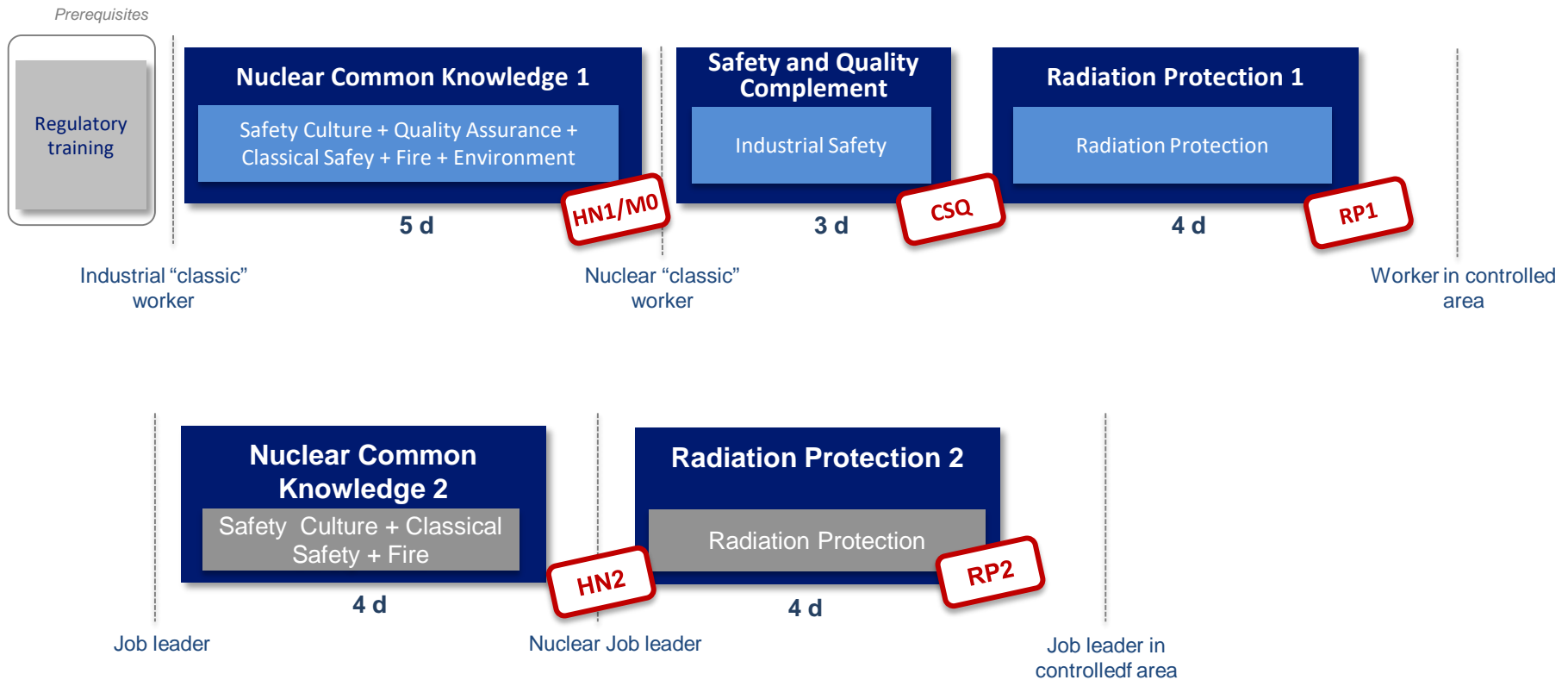
# 1 – OUTSIDE WORKERS TRAINING PROGRAM

- **A new training program since September 1<sup>st</sup> 2014** (focused on workers' behavior)
- **Training program based on EDF's specificities** (local rules and requirements)
- **Revision program and learning methods based on a HF study : give meaning to rules** (without an operational meaning, rules remains theoretical and abstract things, but with a work meaning, they become useful)
- **Training modules based on the activities to be performed** (within the controlled area or not, related or not to specific safety equipments)
- **All the workers in NPP's have to be trained**

# 1 – OUTSIDE WORKERS TRAINING PROGRAM

- **2 levels of workers/missions → 2 levels of training**
- **“Classic worker” training objectives :**
  - To locate
  - To identify and comply with/use local rules
  - To protect himself
- **Job leader training objectives :**
  - A worker who's able to work alone within a radiological area and pays attention to the team safety

# 1 – OUTSIDE WORKERS TRAINING PROGRAM



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- **Nuclear Common Knowledge :**
  - Operating principles of NPPs
  - Fire
  - Environment
  - Classical safety
  - Industrial Safety Culture
  - Quality assurance
  
- **Training provided by certified training organizations**
  
- **Refreshing course for each module after 3 years**

## 2 – EDF STAFF TRAINING PROGRAM

- **Industrial Safety culture, quality assurance, operating principles, fire prevention : training is longer than outside workers’** (for example, 3 weeks for operating principles, 1 week for fire prevention, ...)
- **“Basic” training program is the same for all the NPP’s technical staff.**
- **Radiation protection : same training for EDF staff and outside workers**
- **Specific training program related to the technical job (I&C, chemistry, mechanic, RP staff, ...)**

# 3 – RP STAFF TRAINING PROGRAM

- **RP staff specific training program (6 months duration) : mix between theoretical/practical training (12 weeks) and on-the-job training**
  
- **Subjects :**
  - Classical safety
  - Fire
  - Radiation Protection
  - Radiation Protection softwares
  - Training on RP materials : provided by material constructors
  - Radioactive goods transport regulation
  
- **Other specific trainings, refreshing courses** : specific training on RMS, radioactive sources, specific materials, “competent person in radiation protection” (regulatory requirement), ...



# THANK YOU

