



## Qualified Experts

An individual who, by virtue of certification by appropriate boards or societies, professional licences or academic qualifications and experience, is duly recognized as having expertise in a relevant field of specialization. Qualified experts have broad knowledge of protection and safety and need to have highly developed personal attributes, including communication, analytical and leadership skills, since they provide training and give advice to a wide range of personnel, such as workers, managers, health professionals or staff of government authorities.

### Examples:

- ✓ Qualified experts in radiation protection at a nuclear installation may deal with a wide range of protection and safety activities, such as the designation of areas, individual monitoring, planning for safety of personnel in activities involved in a major shutdown, and emergency response preparedness.
- ✓ Qualified experts in radiation protection in various industrial applications may deal with a wide range of protection and safety activities relating to applications of ionizing radiation in industry, ranging from level and thickness gauging systems to industrial radiography and irradiators.
- ✓ Qualified experts in medical applications may have an advisory role and/or conduct activities in areas such as radiotherapy, diagnostic radiology and nuclear medicine. They are likely to be hospital medical physicists.
- ✓ Qualified experts in the transport of radioactive material may provide advice to, for example, transport companies, airport cargo handlers or the transport section of a nuclear facility. A qualified expert may provide advice on topics such as the design and construction of packaging for radioactive materials, quality assurance and emergency procedures for transport accidents.