

A radiation protection guide for the nuclear workers

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Table of contents

- ↳ Purpose
- ↳ Training tool
- ↳ Use
- ↳ Intended audience



Purpose of the RP guide

- The document clarifies RP-related aspects that people need to know about when working in radiologically controlled areas,
- Provides additional information that explains the logic behind RP expectations.
- Pools experience gleaned by EDF in the area of radiation protection
- Does not replace RP policy documents or plant-specific instructions



The purpose of the RP guideline is to

- Provide all personnel working in radiologically controlled areas on nuclear power plants with adequate information on RP rules, the logic behind them and their implementation,
- Instruct beginners on how to manage risks in radiologically controlled areas.
- Enhance the reader's knowledge of radiation protection in order to avoid error
- Supplement
 - RP training software
 - Training actions



A training tool

- The document sets out radiation protection rules in a simple manner that facilitates the learning process,
- It places these rules within the context of an overall RP programme encompassing all stages from design up to decommissioning, and illustrates them with examples taken from a typical working day,
- It explains the importance of work practices in achieving good RP results,
- It brings together all crafts and workers,
- It is intended as a tool for promoting RP culture while serving as a common reference for all EDF employees and contractors and fostering dialogue on the subject of radiation protection.



Use

- To be used for the reader's specific needs, by referring to the relevant chapters,
- Text on right-hand page;
Illustrations, tables, graphs and boxes on left-hand page,
- Text printed in red appears in the index, which refers the reader to the page providing definitions,
- At the end of each chapter, a set of questions is provided in order to test comprehension (answers are given on the same page)



Intended audience

Plant manager, senior management team and department managers:

- ↳ Should be familiar with all chapters and seek advice from the site physician as regards biological effects produced by ionising radiation



Intended audience

To all personnel working in or going into radiologically controlled areas:

- ↳ from plant managers to beginners...
- ↳ from RP1-qualified staff to RP experts...



Intended audience

Radiation protection specialists:

- ↪ Must be able to explain and comment on all technical chapters
- ↪ Must achieve a high score in the quiz...
- ↪ Must assist all workers if needed



Intended audience

Medical teams:

- ↪ Must read the chapter on biological effects produced by ionising radiation and be able to explain them to workers during training sessions
- ↪ Sections relating to plant operation will provide them with a more in-depth knowledge of the field



Intended audience

Operations and maintenance staff:

- ↳ Will acquire a better understanding of risks associated with ionising radiation, be able to take the necessary precautions and prepare for their jobs more efficiently
- ↳ Will have a better grasp of what is meant by dose optimisation and contamination control at source



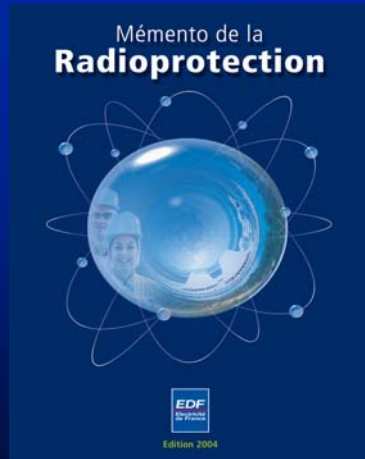
Intended audience

Plant modification teams and decommissioning personnel:

- ↳ Will find information to help them compile their modification packages and enhance their RP culture



Enjoy your read!



Send your comments and suggestions to the following address:

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