

3441. COMPUTER BASED TRAINING - "RADIATION PROTECTION" - AN ALARA TRAINING TOOL

The aim of the CBT-Lesson "Radiation Protection" is, to make the training of the radiation protection personnel and the shift personnel more efficient - a higher quality of training and lower training costs. Eleven German NPP's are involved in the project.

The contents of this lesson are the theoretical basics and the practical radiation protection for every target group in the NPP. A test is generated individually for every user per random event generator. Every target group has their own question/answer block for the testing part, all in all about 500 questions.

To work through the lesson in the "first training mode" takes a radiation protection specialist about 40 hours. The lesson contains approximately 1500 screen pages. Every screen page contains several learning steps.

In the lesson "Radiation Protection" there are more than 500 different interactions between the trainee and the computer, such as e.g., the measurement of contamination of the loading space of a truck or filling in the different forms in order to get permission to work in the controlled area.

The CBT-Lesson will be ready for training in the summer of 1997. The lesson will be delivered for every NPP as a plant specific training tool. The plant specific peculiarities are fitted in as "exchange pages" (about 150 pages for every NPP). The adaptation for further NP's also abroad is possible.

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