

# OSART Good Practices

## TRAINING AND QUALIFICATION

### Training Programmes for Field Operators

#### Belleville, France

Mission Date; 9-26 October, 2000

Simulator training including field operators.

The simulator training for control room operators is followed on site by the field operators by a direct telephone connection between Paluel and the site.

The valves and pumps which require manual actions during the exercise are tagged and on command of the control room shift in Paluel the operator goes in the field removes the tagging and gives feedback to the control room: manual action completed.

Group evaluation is done on the second day in Paluel .

Real time actions are be added to the simulator training by including the field operators actions in the plant. Furthermore, when field operators are in Paluel for the evaluation, they have the possibility to see the control room operators working under emergency conditions.

#### Lingao, China

Mission Date; 6-23 August, 2001

Improving knowledge and skills during commissioning.

LNPS can share technical information with the Daya Bay plant, upon which its design was based. There are some technical differences between the two plants, especially with respect to Instrumentation and Control. In order to improve maintenance skills during commissioning, a database was created on technical differences in I&C for the two plants. A total of 27 technicians participated in the start up team of 14 systems. Each participant was assigned for his areas a task sheet that included 3 topics:

- commissioning and maintenance knowledge,
- details on technical differences, and
- training materials for the system.

Each Friday training sessions are held on different systems, in order to extend the knowledge gained within the I&C team. Additionally, a follow-up database is created from this information on special tools and equipment, software backup and spare parts.

Similar approaches were also implemented for personnel in the operations, technical support and radiation protection organizations.