

## Safeguard Systems – 900, 1300MWe PWR<sup>1</sup>

Duration: 2 days (14 hours)

Language: French - English

Participants: 10 - 12

Location: Paris, other location on request

Level: Advanced

Contact: [formation.reacteurs@framatome.com](mailto:formation.reacteurs@framatome.com)

### You are:

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An engineer or a business engineer involved in studies related to normal, incidental or accidental 900 or 1300MWe PWR operation  
An engineer or technician involved in operation or maintenance of reactors

### Prerequisites:

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Basic theoretical knowledge on operation of reactors and nuclear

### During the training you will:

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- Discover the main safeguard circuits of 900 - 1300MWe PWR
- Study how they are triggered and operated

### After the training, you will be able to:

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- Describe the different circuits used in incidental or accidental operation of reactors
- Describe the components of these circuits

### Course strengths:

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- Involvement of specialists and experts
- Knowledge sharing
- Use of simulator

### Program

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Theoretical classes:

- Safeguard Systems:
- Components
- Sizing
- Reference accident
- Regulation

Training on simulator:

- Safeguard Systems:
- Protections activation
- Physical effect on accident

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<sup>1</sup> Pressurized Water Reactor