

## ELECTRA EPR

*Training path: SYSTEMA EPR / ELECTRA EPR / PHYSICA EPR / OPERA EPR*

Duration: 4 days (28 hours)

Language: French – English

Participants: 08 – 15

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 technician involved in activities related to normal operation of EPR

### Prerequisites:

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Knowledge of the main systems of EPR

### During the training you will:

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- Study normal operation of EPR

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

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- Analyze objectively the operating status of the reactor according to the design assumptions and the operating technical specifications of EPR
- Explain the different operation modes and the associated limits of EPR in normal operation state

### Course strengths:

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- Theoretical learning by specialists
- Practice of theoretical learning by the use of the simulator
- Exchanges and experiences sharing

### Program

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Theoretical classes:

- OTS<sup>1</sup>
- Normal Operation Documentation
- Main PWR<sup>2</sup> regulations
- Divergence and redvergence
- Primary and secondary protection functions

Applications on simulator:

- From normal cold shutdown to intermediate monophasic shutdown operation
- From intermediate monophasic shutdown to intermediate shutdown with SG heat removal respecting RHR<sup>3</sup> connection conditions operation
- Practice on main regulations
- Permissives P11 and P12
- Redvergence strategy after an automatic shutdown reactor
- From hot standby to power operation
- Reactor control: mode T

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<sup>1</sup> Operating Technical Specifications

<sup>2</sup> Pressurized water reactor

<sup>3</sup> Reactor Heat Removal