

Steam Generator Tube Rupture – 900,1300MWe PWR¹

Duration: 2 days (14 hours)

Language: French – English

Participants: 10 – 12

Location: Paris, Other locations on requests

Level: Advanced

Contact: formation.reacteurs@framatome.com

You are:

An engineer or a technician willing to discover SGTR² for 900 or 1300MWe PWR
An engineer or a business engineer involved in studies of SGTR on 900 or 1300MWe PWR
An engineer or technician involved in operation or maintenance of 900 or 1300MWe PWR

Prerequisites:

Sufficient knowledge of PWR technology
Basic knowledge of fluid systems

During the training you will:

- Discover the theory of SGTR
- Study the post-accident SGTR operation
- Identify EPR design improvements

After the training, you will be able to:

- Describe the different phases of SGTR
- Describe the principles of the post-accident SGTR operation

Course strengths:

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

Program

Theoretical learning:

- SGTR: physical phenomena

- Post-accident operation on 900-1300MWe PWR
- EPR design improvements

Training on simulator:

- SGTR accident physics
- Evolution of the main physical parameters
- SGTR operation

¹ Pressurized Water Reactor

² Steam Generator Tube Rupture