

## Support Calculation Engineer

<b>Location:</b>	Bridgewater
<b>Salary:</b>	Competitive
<b>Hours:</b>	40 hours per week
<b>Contract:</b>	7 to 12-months PAYE Fixed Term Contract

The Ortec Group offers a high value-added engineering service. Founded on the expertise of engineers and technicians, combining knowledge of industrial sectors, field culture with more than 30 years' experience, Ortec Engineering is 40 agencies in France, a presence on four continents and two offshore production centres.

Design engineering provides a varied foundation of complementary skills to meet a broad range of traditional technical engineering needs. To facilitate discussions and to be more responsive and available, the Ortec Group has chosen local offices: located as close as possible to our customers, they bring together all the trades involved in a given project in one place.

### The role:

As part of the expansion of our Engineering and Projects activities, we are recruiting Engineers to support us in our growth in the Nuclear Energy sector. We are looking for Engineers who have experience in the nuclear sector, either within the generation fleet, EPR nuclear new build (Olkiluoto, Flamanville, Taishan or Hinkley Point C) or other relevant nuclear site (Sellafield, ITER...)

Sonovision will provide a Training program based on ORTEC experiences in French Nuclear engineering if required.

### Key Tasks and Responsibilities:

**Reporting to the Business Unit Manager, fulfil the role identified below**

Responsible for support calculation activities including:

- Gathering input data,
- Performing the calculation of piping supports and associated anchor plates
- Analyzing the mechanical behavior of the supports with respect to the codified criteria,
- Proposing appropriate and proportionate modifications in case the sizing criteria are not met
- Producing technical assessment note
- Updating the calculation notes

Participate to set in place tools and methods allowing you to perform previous activities.

Work in connection with an international community of piping engineers, spread in several EDVANCE facilities – Malakoff (France), CENPE facilities (Tour), Bristol (UK) and Erlangen (Germany). You will be in interface with several stakeholder : system engineer to get operating condition, with layout and piping design team for the routing, equipment teams, valve team ... You are also responsible to contribute to UK-DC (modification process) in raising modification and/or defining the impact of modification created by others.

## The right candidate will have the following skills and background:

### Essential:

- Minimum of 2 years' relevant experience
- Knowledge of RCC-M code (section C3650 at least) and understanding of damage mode
- Knowledge of RSTAB, ALLIGATOR, VERFIPLATINE
- Excellent written and verbal communication skills
- Eligible to live and work in the UK
- Fluent English

### Desirable:

- Experience in nuclear engineering and new nuclear build projects
- Experience of UK design context and regulatory processes
- High level of technical coordination
- Experience in ANSYS and in calculation of special supports (fixed point, anti-whip)
- Experience in PIPESTRESS/CALTUY and flexibility calculation
- Experience in HVAC and Electrical supports calculation

## Screening:

- Do you have minimum 2 years' experience?
- Do you have working knowledge of supports calculation?
- Are you eligible to live and work in the UK, with a valid Passport?

## If you are interested in joining our team, send your CV to:

### **Karen Angel**

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