

NEWSLETTER

1er trimestre • 2026



Welcome to our first newsletter of 2026!

Each new year is a blank page to be written together, a time to take stock of the past year and look ahead to the future.

In this first newsletter of 2026, we look back at the highlights of 2025 at SICA Nucléaire.

Fasten your seatbelts and let us guide you !



SICA
nucléaire

Inspection • Conseil • Audit • Formation

SUMMARY

WNE 2025	• P.2
PORTRAIT	• P.3
TECHNICAL POINT	• P.4
NEWS	• P.6
OUR TRAINING COURSES	• P.9

From 4 to 6 November, the World Nuclear Exhibition was held in Villepinte and broke all records: more than 36,000 participants and 1,070 exhibitors from over 80 countries !

On the SICA Nucléaire side, our stand was run by seven employees, four of whom were participating in a trade show for the first time. Three days rich in exchanges and encounters, with visitors who came to see us specifically to meet us.

During these three days, we organised an RCC-E competition, met potential partners and had the pleasure of meeting our customers to put a face to a name. The team spirit and friendly atmosphere at the stand made this event both a professional showcase and a wonderful human adventure.

During the debriefing, several words came to mind to sum up the experience: relationships, diversity, intense and connection. They reflect the richness of the interactions and the shared energy that characterised the exhibition.

We would like to warmly thank everyone who came to meet us. These rich and promising moments have already made us eager to continue the discussions we started and to build on these initial encounters in the long term, as we look forward to the next edition with enthusiasm.



Portrait of the Year 2025

SICA NUCLEAIRE - A team that makes a difference 🌞

Behind every project, every training course, and every moment of exchange is a close-knit team, driven by the desire to share and build together. What unites us on a daily basis is our passion for our work, the pleasure of collaborating, and a genuine team spirit. Each person brings their own skills, energy, and sensitivity, and it is this diversity that nourishes our cohesion and makes us strong.

Whether through projects carried out together, internally, or directly with our clients, we move forward with a common goal: to offer quality solutions and build lasting relationships based on trust, listening, and sharing.

A big thank you to everyone for your commitment, professionalism, and enthusiasm throughout the year. Together, let's continue this wonderful adventure, take on new challenges, and make 2026 a year rich in shared achievements, growth, and success.





What is crimping?

Crimping is a technique that involves cold forming, by compression, a ferrule onto a wire to join them together without adding any material.

Consumables:

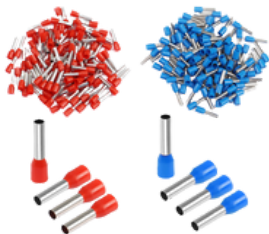
There are two main categories of consumables:

-Wires: characterised by their diameter, conductor classes, surface treatments, etc.

-Ferrules: which can be of different sizes but also different shapes.

Two exemples :

The tips:



The pods:



Tools

- There are two types of tools used for this operation: wire strippers and crimping pliers.
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- Wire strippers are used to expose the wire core, which will then be inserted into the barrels without damaging it. This is a delicate operation that requires precise adjustment of the tool and skilled handling to remove only the insulation.



- Crimping pliers, used to seal a barrel onto a wire, ensuring the continuity of the electrical signal without soldering. This operation must be carried out with particular care, as in the event of an accident involving safety-classified equipment, a manufacturing defect could result in the loss of one of the equipment's functions.



The crimping process:

- Prepare the appropriate equipment for this manufacturing operation (wire stripper, crimping tool, wire, barrel).
- Strip one end of the wire.
- Check that the wire has been stripped properly.
- Place the wire in the selected barrel.
- Crimp by placing the sub-assembly in the correct position in the crimping pliers, depending on the diameter of the wire.
- Press the pliers down to the stop.
- Release the pliers.

Repeat the operation on the other end of the wire.

Crimping in the nuclear industry

For nuclear applications, the RCC-E code requires certain rules to be followed. First, the IEC 60352-2 standard specifies the elements to be visually inspected, such as:

the correct insertion of all strands into the barrel

the absence of damage to the wire insulation or bare strands
symmetry of the footprint

In addition, the RCC-E code requires the crimping process to be qualified. The method to be applied depends on the edition of the project code.

RCC-E 2012	RCC-E 2019
Tensile test Micrographic section	Tensile test Electrical tests

OUR NEWS 2025



SICA IN INTER AND INTRA

This year, we had the pleasure of welcoming many participants to our various training courses. With practical workshops, enriching discussions and content tailored to individual needs, our sessions enabled everyone to develop their skills and leave with practical tools for their daily professional lives.



SICA GOES ELECTRIC

We have renewed our fleet with electric vehicles, which are more sustainable and quieter. This transition reflects our concrete commitment to more environmentally friendly mobility and reducing our carbon footprint.



SICA ET LE TRI SÉLECTIF

In line with our commitment to reducing our carbon footprint, we have introduced waste sorting in our workspaces. Thanks to dedicated sorting points, everyone can more easily adopt good habits on a daily basis and contribute to more responsible waste management.

These simple actions, taken collectively, make a real difference to the environment.





Our team rolled up their sleeves to decorate the premises and give them a festive spirit. With garlands, lights, and a Christmas tree, the Christmas atmosphere was in full swing!

We also shared a delicious Christmas meal and enjoyed a pottery activity, which gave us the opportunity to get together and celebrate the end of the year in a joyful and cheerful atmosphere.



OVERVIEW OF ACTIVITIES CARRIED OUT BY OUR EMPLOYEES IN 2025:

- **Audits** conducted by Romain JARDINO
- **Training** courses led by Julien VEYRUNES in France, England, Germany, and Poland
- **Inspections** carried out by Laure YERRO in England and Germany and Thomas SAUGNEAUT in Marocco and United States
- **Supporting** a company in its efforts to obtain certification according to the NF ISO 19443 standard,

E-LEARNING



SENSIBILISATION À LA NORME ISO 19443 : 2018

Specific to the nuclear sector, ISO 19443 certification is based on ISO 9001. It enables you to manage your quality and safety management system in order to control the compliance of the products or services provided to your clients.

The RCC-E provides design and construction rules for electrical and control-command assemblies for pressurized water reactors.

Developed in partnership with manufacturers, engineering firms, manufacturers, regulatory bodies, and operators, it represents a compendium of best practices in accordance with IAEA requirements.



SENSIBILISATION AU CODE RCC-E 2012



SENSIBILISATION À LA CULTURE DE SÛRETÉ

Nuclear safety refers to all technical, human, and organizational measures implemented at every stage of a nuclear power plant's life cycle to protect the population and the environment against the potential release of radioactive materials under all circumstances.

Find our four 1.5-hour e-learning modules on our website:

WWW.SICANUCLEAIRE.FR/E-LEARNING