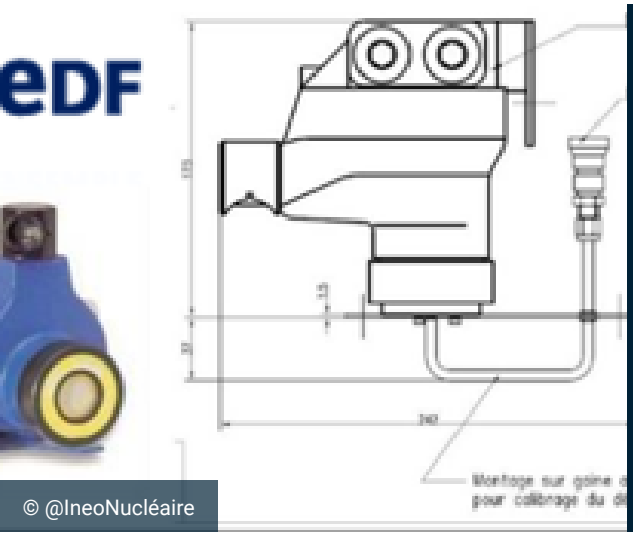

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EDF – Hydrogen detection system upgrade

St Vulbas (01), France

Businesses : Electrical, Safety, Security, Surveillance

Type of contract : Design build, Qualification and commissioning

INEO
UNE MARQUE DE EQUANS

Energy infrastructures

Client Information

Client	EDF
Project management	N/A
Architect	N/A
Partnership	N/A
Start date	2010
Delivery date	2021
Amount	> 1M €
Labels	N/A

Key figures

11
years of design and implementation

32
units completed

Customer's challenges

- Ensure the safety of the facilities by compliance with standards and requirements (European WENRA recommendations, etc.)
- Enhance hydrogen detection and control explosion risks
- Ensure the sustainability of the detection system by extending the existing system
- Incorporate ATEX (explosive atmospheres) requirements for new facilities

Our solutions

- Renovation of the hydrogen detection system on the 900 MW CPY and CP0 nuclear power plant series, i.e. 32 units
- Design and implementation studies for new hydrogen detection loops and their control systems
- Integration of new systems with existing ones – modification of facilities
- Supply, qualification (nuclear safety requirements) and commissioning of proposed solutions

Customer's benefits

- Renowned expertise of Equans and Simtronics (manufacturer) on the hydrogen detection system
- Solid, relevant technical analysis thanks to specific expertise
- Benefit from the multidisciplinary expertise of a single point of contact

CSR commitment

- Application of EDF's health and safety policy