




Over 50 years of experience
in maintaining French nuclear
power plants

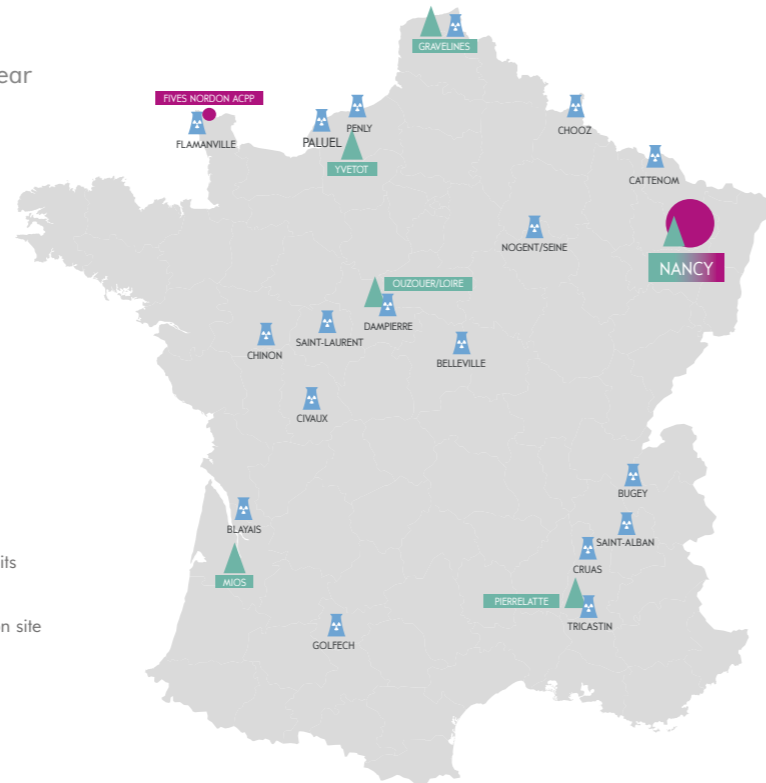
FIVES NORDON WORKS IN THE 58
OPERATIONAL REACTORS IN FRANCE'S
NUCLEAR POWER PLANTS



Fives carries out large-scale maintenance operations for the
main players in the nuclear market:

- Expertise in piping systems and supports,
- Multi-site modifications to enhance safety and meet Nuclear Safety Authority standards,
- Replacement of steam generators and exchangers,
- Inspection and requalification,
- Soldering and support contracts,
- GSS reloading operations,
- Maintenance of HP, MP, and LP piping,
- Supply and installation of expansion joints,
- Supply and installation of exchangers.

-  Nuclear power plants
-  Nuclear operational units
-  Head office / Production site

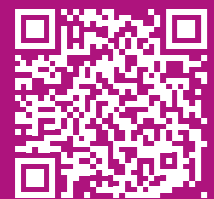


REFERENCES

Fives supplies and maintains technical equipment for the key players in the nuclear market.

WESTINGHOUSE - CNEIC - CNPEC - EDF - FRAMATOME - ARABELLE
SOLUTIONS - ORANO - ONET TECHNOLOGIES - CEA

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For more information

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A comprehensive expertise
in the nuclear industry sector



A key player in high added-value Piping
Solutions

- Manufacturing of piping spools, pressure equipments and skids
- Strong industry know-how since the 1970s
- Full project management in New Build with comprehensive Engineering, manufacturing and construction teams
- Maintenance and local support

Special resources for the nuclear business sector

To meet the requirements of its customers in the nuclear sector, Fives Nordon has:

- Skilled employees trained in nuclear safety:
 - Foreman,
 - Team leaders,
 - Welders,
 - Pipefitters,
 - With accreditations to work in NPP.

Close to
20,000
sqm | specific workshop area dedicated to the nuclear sector

OUR OFFER

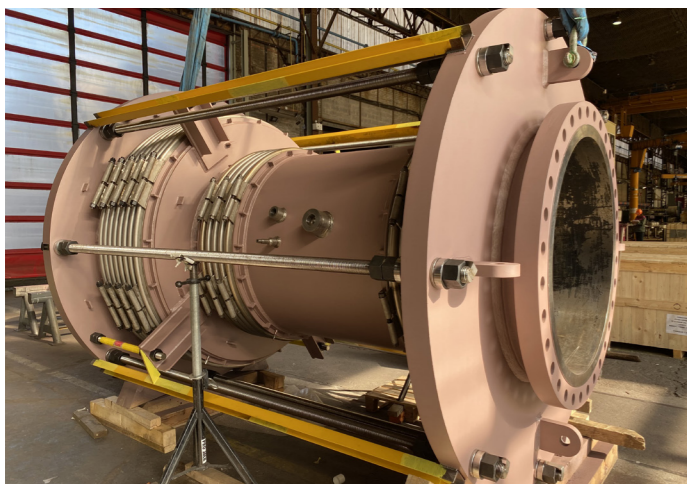
Fives Nordon offers comprehensive technical expertise in piping, support components, expansion joints, and metalworking, backed by thorough studies, maintenance services, and multi-year contracts covering welding, supports, and mechanical systems.

We also specialize in shutdown work, unscheduled maintenance, and multi-site modifications on nuclear power plants to enhance safety in line with French Nuclear Safety Authority recommendations.

We proudly offer 3,000 Qualified Welding Procedures, adhering to the industry's main global codes, including:

- EN,
- ISO,
- RCC-M,
- RSE-M,
- ASME,
- AD-MERKBLATT,
- STD ORANO.

Ensuring top-tier quality and compliance across diverse industrial applications.



- Special prefabrication workshops
- A storage unit for RCC-M class tubes
- Certifications such as MASE, ISO 9001, ISO 14001, ISO 19443, CEFRI, ASME, SELO, etc.



OUR CAPABILITES AND EQUIPMENT

- Mechanized welding
 - 7 welding booms (SAW, MIG, TIG)
 - 2 welding benches
- Lifting
 - 35 overhead cranes, from 500kg to 20T
 - 9 cranes, from 5 to 16T
- Radio control
 - 2 secure gamma and X-ray system facilities
- Heat treatment
 - 1 FOFUMI mobile open-hearth furnace
- Pickling
 - 1 pickling station
- Hot and cold bending
 - 2 induction pipe benders
 - 1 digitally operated pipe bender
- Stamping
 - 1 automatic stamping line (shuttle, furnace, 400T press)
- Tests
 - 1 materials testing laboratory (COFRAC 17025 accreditation)

Proven expertise in nuclear plant construction projects

NUCLEAR TECHNICAL EQUIPMENT

With an engineering workforce of more than 100 employees, we manage design, calculations and regulatory documentation, including those up to grade 1.

Fives Nordon works with the major industrial players in the sector, providing them with piping services in conventional islands, nuclear islands and reactors:

- Primary and auxiliary piping,
- Surge lines,
- Containment penetration,
- NSSS,
- HP/MP/LP piping,
- Pressure vessels and heat exchangers,
- Studies and engineering, as well as nuclear procurement,
- Piping studies.

Fives contributes to the construction of new plants in France and abroad (EPR and CPR 1000).

Fives Nordon has also been involved in French and foreign nuclear programs since 1975 (900 MW, 1300 MW and 1400 MW), by building:

- Steam piping systems in turbine halls,
- Auxiliary piping in reactor buildings.

From detailed studies to assembly, encompassing procurement and prefabrication, Fives Nordon deploys mobile teams with extensive project management expertise, delivering exceptional results both in France and internationally.

100 | engineers working near customers' sites

