

### **Engineering Solutions**

You've heard a lot of stories over the years — some are epic tales of heroism, others are short stories with simple resolutions. The best stories — the type of stories we'd like to write with you — have common elements to which we can all relate.

But for stories to be told, someone has to listen. Listening is how we've strengthened the trust you have placed in our people and technologies over the years. By listening and working together, we achieve the ultimate goal — safe and competitive nuclear power generation worldwide.

Often the cast of characters is familiar — in this case, it's our engineering experts. They bring a wide experience base and use it to perform design and analysis for utilities, regardless of the OEM, allowing Framatome to deliver a total-plant perspective.

There's a common theme to the stories — great teamwork. Our engineering teams are integrated across all of Framatome's service offerings. From major projects to component replacements, our engineers deliver project excellence from beginning to end. And our experts have experience collaborating with site teams to meet your plant's specific needs and execute with operational efficiency.

We're listening and writing new stories of success, together.

### **Our Objective**

Demonstrate a commitment to quality with outstanding engineering that delivers safe, world-class project performance and total cost certainty to our partners. Strive for operational excellence by focusing on safety, quality, performance and delivery of innovative products and reliable solutions.

### **Our Engineering Story**

Framatome's engineering heritage goes back many years, encompassing many mergers and acquisitions, all strengthening the capabilities of our brand. Today, the knowledge and skills acquired during the company's growth are highlighted in the diverse offerings of our engineering organization. Whether you require engineering support for a design change package or complex nuclear analysis for a fuel transition, we have the experience and staff to understand your issue and translate it into an engineering analysis that provides value to your plant operation.

You probably already have experience with the Framatome engineering workforce. Our people execute Framatome services offerings such as outage support, component repair & replacement, inspection and testing, and perform turnkey engineering that implements our global technology in Canadian applications. The value of the Framatome brand is based on the performance of our engineers.

In the following pages, we present a snapshot of our engineering capabilities while highlighting solutions provided to our customers. We look forward to working with you.

# > Operational Excellence

The performance of our customers is our everyday commitment.

Framatome is accountable to our customers, our employees and our stakeholders. One of our strategic priorities is to deliver and execute timely, sound solutions that meet our industry's highest level of quality standards. Each and every day our teams strive to improve and overcome challenges faced in the field.



#### Safety.

First and foremost, it is the critical success factor for our people, products and services.



#### **Quality.**

First time, every time.



#### Performance.

Fueled by our people we innovate for our customers.



#### Delivery.

Reliable, predictable and consistent.

# We follow the standards of excellence: Safety, Quality, Performance and Delivery

Framatome nuclear-based programs are essential to enhanced safety performance, reducing your organizational risk and ensuring cost certainty and schedule integrity.

Considering it a constant journey, our team always looks for new ways to raise the bar on performance. With accountability, customer focus, and self-assessment at the heart of our culture, we seek to maintain a basis of process, efficiency, effectiveness and professional development for our personnel. Our team places a daily emphasis on performance-driven services, planning and readiness and a commitment to training and continuous innovation. It's these key elements that motivate our personnel to help you — our customer — succeed.

### > Isotope Production Systems



A joint venture between Framatome and Kinectrics, Isogen's mission is to design and build innovative tools that enable CANDU reactors to produce life-saving medical isotopes, and to provide those isotopes to the world.

Isogen has developed isotope production systems (IPS) that allow nuclear reactors to generate Lutetium-177, used to diagnose and treat a variety of cancer treatments.

Specially engineered and designed for use in reactors, Isogen builds these systems at Framatome's state-of-the-art facility in Kincardine, Ontario, which also serves as a training site for the program.

The IPS offer flexibility in function, supporting the future production of other isotopes in addition to Lutetium-177.

The story

# The healing power of nuclear energy

#### **Utility Challenge**

Medical professionals tout the use of nuclear isotopes in cancer treatments, citing the ability to precisely target tumours without damaging nearby healthy tissue. The supply chain for these life-saving medical isotopes relies on an aging fleet of research reactors.

#### **Framatome Solution**

Framatome has been developing technology to produce medical isotopes in nuclear reactors in Europe for years. Our engineers and designers recognized that the unique design of CANDU reactors allows for easier insertion and withdrawal of nuclear targets. Framatome partnered with Canadian firm Kinectrics to facilitate licensing, and a local utility signed on for the use of their reactors to provide the neutrons needed. This created a "dream team" that together is providing a more stable and reliable supply of therapeutic isotopes used to treat millions of cancer patients.

#### The Result

Isogen designed and built an IPS, then installed it in a CANDU reactor. This global healthcare game-changer has been reliably creating Lutetium-177 (Lu-177), a life-saving medical isotope used to treat prostate cancer. More IPS installations are underway.

#### The Benefit

Worldwide expertise provides solutions that can save lives

# > Risk Informed Engineering



As the nuclear industry faces escalating economic challenges, there are increasing drivers to reduce operating costs while maintaining exceptional nuclear safety. Our clients are looking for cutting-edge solutions that are safe and competitive.

We provide Risk Informed Engineering Programs to the nuclear industry, leveraging our engineering expertise and diverse capabilities to provide a full-scope solution for our customers.

Framatome has performed validation and reconstitution projects based on both regulatory approved design and current licensing. This solid foundation adds insight and expertise, helping formulate the industry's approach and methodology for license renewal. We are dedicated to tackling new builds, asset management, life extension, safe storage and decommissioning.

The story

# Fresh eyes bring fresh ideas

#### **Utility Challenge**

Are there methods to reduce outage frequency and duration? Can you lower forced outage loss rate and improve consistency? Are there other techniques to interpret and integrate equipment reliability data and safety analysis? These are only some of the questions for which utilities need answers if license renewal and life extension goals are to be met.

#### Framatome Solution

Framatome's integrated engineering, licensing support, operations and maintenance teams leverage extensive experience along with cross-functional expertise. This approach results in a holistic, independent perspective providing inventive solutions for utility challenges.

#### The Result

At one utility, we resolved key focus areas, removing 2-3 percentage points off the forced loss rate and demonstrating added value from conception to execution. The modifications which produced the success are currently being repeated at another of the utility's stations.

#### The Benefit

Depth of expertise leads to cost savings and improved production

# > Steam Generator Replacement Remote Welding Innovation



With over 25 years of industry-recognized experience in major plant modification in the nuclear industry, The Steam Generating Team (SGT), a joint venture between Framatome and United E&C, has established a reputation as a go-to for EPC projects, fleet programs, and plant modifications.

From initial project scoping to final installation, SGT has the people and experience to plan and schedule your project with predictable costs. SGT has the resource flexibility and knowledge base to support an extensive range of projects, including multiple concurrent projects.

Framatome is the world's foremost nuclear reactor constructor in terms of installed capacity and is the leader in the heavy component replacement market for power plants. The story

# Coming through in the clutch

#### **Utility Challenge**

A utility needed to replace eight steam generators in one of its units and needed to do so quickly. But space limitations around the weld joint due to the proximity of the "trapeze" support platform posed a challenge during installation.

#### Framatome Solution

Framatome had previously used only vendor-supplied weld control systems. But the weld system our engineers needed for this project did not exist at the time. So, they built their own. An integrated team used a multi-disciplined approach, taking advantage of specific areas of expertise, and designed, fabricated, qualified and implemented a new state-of-the-art orbital welding control system and machine weld head. For the first time at Framatome, a first-of-a-kind weld control system was successfully deployed for repair welding.

#### The Result

16 primary nozzle large-diameter narrow groove welds with major space requirements were completed on schedule with first-time quality and zero defects.

#### The Benefit

Improving project execution with innovation

# > Chemical **Decontamination**



After several years of reactor operation, buildup of oxides and radionuclides results in reduced heat transfer properties and flow rate, base metal corrosion and high radiation fields. This leads to difficulties in system maintenance, refurbishment, inspection and dismantling activities, and ultimately a reduction in power generated. This can also result in high dose rates, precluding repair or maintenance operations in compliance with ALARA requirements.

Our chemical decontamination technology, used on contaminated surfaces, such as heat transfer and coolant surfaces in nuclear reactors, reduces the radioactivity level and collective radiation exposures during maintenance, repairs and decommissioning. The decontaminating reagent mixture provided dissolves metal oxides and radionuclides in a regenerative process.

The story

# First-of-a-kind solution

#### **Utility Challenge**

Over decades of operation, contamination levels at one utility had risen to the point where they did not have the workforce available to spread dose safely amongst workers during an outage. Chemical decontamination was usually a process reserved for dismantling and decommissioning, but unless two units underwent chemical decontamination, high dose rates would prevent refurbishment.

#### Framatome Solution

Framatome's global expertise stepped to the forefront. Our engineers had successfully used a chemical decontamination process globally on 36 occasions and realized it could be adopted for the CANDU. Tests after use of the CANDU-adopted process verified no harm to reactor components and a decontamination factor far exceeding the needed or expected results.

#### The Result

Engineered, built and operated in Canada by Canadians, Framatome's chemical decontamination technology lowered radioactivity levels in the primary heat transport system by 80%, providing a safer environment while reducing workforce hours and costs.

#### The Benefit

Life extension by dose reduction for improved safety

### High Voltage Transformer Replacement



Framatome offers complete solutions to assess, test, monitor and refurbish/ replace electrical equipment in operating nuclear plants. The Electrical/I&C Services and Hardware group offers high quality, nuclear-qualified products to address equipment reliability, obsolescence, and modernization upgrades. The result is reduced operating costs and increased operating efficiency.

Framatome Canada's High Voltage
Program team provides turnkey
refurbishment and replacements for
main output transformers, printed
circuit board transformers, breakers,
buses, disconnect switches/metal clad
switchgears and switchgears.

Our oil processing trailers are stateof-the-art, equipped with particulate and moisture count testing, which offers shorter time requirements for preliminary analysis. The story

# Integrated for success

#### **Utility Challenge**

With a 30-year extension in hand, one Canadian utility realized that their transformer fleet needed an overhaul to get to 2055. The problem: integrating new UST and MOT designs with the plant's existing transmission configuration.

#### Framatome Solution

Leveraging our working knowledge of the transmission system gained during prior maintenance, Engineering and Field Construction teams collaborated on a FOAK design, retrofitting existing Framatome inventory. Our decade-plus investment into high voltage training and knowledge retention led to the integrated teams' success and a transformer design that worked right the first time.

#### The Result

In subsequent phases of the replacement project, lessons learned in our design and execution were leveraged, resulting in quicker installations for each occasion. This replacement project enables the utility to more safely and efficiently distribute power to customers, thanks to the latest protective relay technology.

#### The Benefit

Integrated approach achieved an on-time solution to address component aging

### > Design Change Modifications



Framatome's Plant Modifications team is dedicated to providing the highest quality for modification packages. Our team delivers more than 40 years of plant design and modification experience with a spectrum of different nuclear plant designs. In addition, our project experience includes mechanical and structural analyses, electrical and I&C analyses, BOP modifications, and risk and safety assessments.

Using Framatome's unique experience in all phases of design and nuclear operation, our plant modifications team can ensure the most cost-effective and workable solutions to any operational issues.

The combination of engineering, product and field services capabilities allows Framatome to deliver total plant solutions. The story

### The shortest distance to safety

#### **Utility Challenge**

A utility evaluation showed high severe core damage frequency (SCDF). To extend station operation, they needed to improve accident response time. They required an alternative emergency core water supply to satisfy a CNSC mandate.

#### Framatome Solution

An integrated team of Framatome experts quickly mobilized, collaborated and developed an answer: take an existing firewater source within a short distance of the core, and provide a flowpath to produce an alternate supply of cooling water to the core. To do that, the team required a new, robust pipe interface that could be fit into the limited space available. Team members specializing in engineering, design, and stress analysis worked side-by-side, using 3-D modeling software to guarantee fit while regularly conferring with plant foremen to assure feasibility. Framatome completed their design and and safely connected the systems ahead of schedule.

#### The Result

The utility went from having one of the highest SCDF to one of the lowest while affordably upgrading their safety protocols.

#### The Benefit

Integrated engineering teams provide first-time quality

### > **I&C** Modernization



Framatome is committed to offering customers cost-effective Instrumentation & Controls (I&C) solutions with high quality and predictability. Our customers expect every job to be done right — the first time, on budget and on schedule — and Framatome delivers technologies that meet all your safety and performance requirements.

From human-machine interface design to full-scope simulators, our customers have access to the most complete I&C portfolio.

Framatome provides CPU-based, FPGA-based and analog solutions, all developed in-house, all meeting the most stringent regulatory requirements for equipment redundancy and physical separation. When modernizing your I&C, upgrading legacy systems, or replacing obsolete platforms, Framatome is your experienced choice for diverse, proven technologies and certainty.

The story

# Seamless modernization

#### **Utility Challenge**

Decades into operation, one utility found their Safety System Monitoring Computers (SSMC) were becoming obsolete. One attempt to replace and modernize had not gone well, and the amount of labor and parts needed to keep the systems functional was becoming unsustainable. Any failure would signal the start of a shutdown clock, and any replacement would have to be contained within existing cabinetry.

#### **Framatome Solution**

Engineers designed a new digital system with upgraded hardware and servers that would meet all qualification requirements while also fitting in existing cabinets. Then we planned an installation that would keep the legacy analog system in operation during construction. The analog to digital switchover was seamless.

#### The Result

For the first time since the plant was built, operators were working with new digital systems, improving efficiency and lowering maintenance. This project was so successful, the utility asked us to upgrade the SSMC in all their units. The success was repeated in each instance.

#### The Benefit

Vertically integrated, turnkey I&C solutions provide upgraded reliability

# **>** Cybersecurity



Protecting our nation's energy infrastructure is vital to our national security. Framatome provides the most efficient and effective means to safeguard energy facilities and achieve regulatory compliance.

In 2019, Framatome acquired Foxguard Solutions, a global leader in designing, manufacturing, and integrating industrial computing, cybersecurity, and regulatory compliance solutions used in critical infrastructure markets. This expands our cybersecurity offering to include integrated security solutions, consulting and implementation services, security hardware and control system equipment, and vulnerability and patch management.

We have the experience and expertise across various cybersecurity standards (CSA, NEI, IAEA, NRA, FANR, EPRI, NERC) to provide full-cycle cybersecurity services — programmatic support to implementation.

The story

# The right fix at the right time

#### **Utility Challenge**

A nuclear utility in Japan wanted to establish a cybersecurity program for their digital plant systems to achieve a more robust cybersecurity posture ahead of the Japanese Nuclear Regulation Authority (NRA) establishing industry requirements for cybersecurity. The utility reached out to Framatome for support in establishing a cybersecurity program.

#### **Framatome Solution**

Framatome put together a TIGER team to review the existing digital architecture, digital connections and the overall cybersecurity posture of the plant and provided detailed programmatic recommendations and support services to stand up a cybersecurity program at the utility.

#### The Result

Framatome helped the customer establish an industry-leading cybersecurity program based on matured industry standards, specifically IAEA and NEI/U.S. NRC standards, that also met the Japanese NRA standards.

#### The Benefit

The most up-to-date protection for critical energy infrastructure technology

### > Seismic Evaluations



Framatome's experience includes knowledge of the regulatory framework and ASME/ANS Probabilistic Risk Assessment (PRA) standard, development of seismic fragilities, integration of the seismic PRA model into the existing internal events PRA model, and active participation in seismic risk evaluation industry meetings.

Framatome has developed a costeffective, integrated and iterative approach for seismic risk evaluations to identify any additional analyses or modifications early and minimize the duration of the analysis. The Framatome seismic evaluation methodology meets the requirements of Regulatory Guide 1.200, ASME/ANS PRA Standard, and the Seismic Evaluation Guidance: Screening, Prioritization and Implementation Details. The story

# Focusing on what matters most

#### **Utility Challenge**

A utility was required to re-evaluate seismic risk at their operating plants following the Fukushima Daiichi accident. The scope included seismic equipment lists, seismic walk downs, structure and component fragility analysis, seismic PRA, alternative actions and an industry peer review. The objective was to limit unnecessary plant modifications and realistically represent plant safety.

#### Framatome Solution

The best solution would require a diverse group of industry subject matter experts — so that's what was provided. Bringing together leaders in seismic hazards, fragility analysis, plant operations and probabilistic risk, the team implemented an approach that iteratively improved results and pinpointed concerning systems, structures and components. They focused on what mattered most, ensuring costs were providing value.

#### The Result

The team provided an assessment that validated safe operations, met regulatory requirements, achieved a successful peer review and minimized expense on plant modifications.

#### The Benefit

Listening to the customer and achieving their objectives

### > Pump and Motor Service Center



The Pump & Motor Service Center provides inspection, repair, refurbishment and specialized resources to extend the life of critical plant components including pumps, motors and seals.

Our 70,000 sq. ft. world class facility has the resources to do all of that on-site — with strict FME controls for your code, safety related and commercial repairs. We can also bring our experienced and responsive field teams to your site for installation, repair, and replacement services, and we frequently support emergent critical path repairs. Everything we do, whether at our facility or your plant, is performed by our experienced pump and motor professionals.

The story

# There's no challenge we can't handle.

#### **Utility Challenge**

A human performance error at a nuclear utility led to the failure of an emergency diesel generator (EDG). With some bearing materials melted to the drive shaft, and others melted to the bearing cover, the utility faced an unplanned outage to replace the generator with a new one if a solution couldn't be found.

#### Framatome Solution

The engineers at Framatome's Pump & Motor Service Center (PMSC) evaluated the situation and came up with a unique solution: while one team worked on repairing the shaft on-site by machining the bearing fit down and sleeving the shaft, the bearing cover was taken to the PMSC where another team used reverse engineering to generate an identical replacement. Our engineers were able to machine the shaft to a smaller diameter and then install a quickly qualified sleeve over the shaft, returning it to its initial design specifications.

#### The Result

This solution was successful. The utility did not have to replace the EDG, thereby avoiding increased shutdown time.

#### The Benefit

Framatome engineers think outside the box to create unique solutions

# > Global strength. Local expertise.

Framatome has three primary locations in Canada:



#### **Excellent Performance Recognition**



Highly recognized for high voltage and electrical work



2023 TIP AWARD



11-time Outage Cup winners



2023 WNE AWARD Fight Cancer (IPS)



Client Directors Teamwork Award



2024 OCNI Service Excellence Award



2022 TIP AWARD ISOGEN



**2024** Bruce Power Supplier Performance Award in recognition of responsiveness



2024/2025 Bruce Power Supplier Performance

#### The Full Spectrum of Engineering Solutions

#### **Balance of Plant Services**

- Balance of Plant (BOP) Projects
- BOP Engineering, Design, Analysis, Procurement and Construction
- Complete Procurement Services
- · Decommissioning
- Design Change Packages
- Electrical and I&C Services and Products
  - Digital Upgrades
- · Engineering Field Support
- · Field Engineering
- General Construction Management Projects
- Major Plant Component Replacements
- · Plant Upgrades
- Power Uprates
- Radiological, Valve and Condenser Services
- Specialized Machining, Welding and Precision Measurements
- · Task Management and Craft Labor
- Testing and Turnover
- · Work Planning & Packages

#### Civil/Structural

- 3D Modeling & Design Services
- ASME Equipment & Component Qualification
- Attachment Point Response Spectra
- · Building & Facility Modifications
- Building Condition Assessments (BCA)
- Building Information Modeling (BIM)
- Concrete & Steel Design (STRUDL)
- Containment Analysis & Design (ANSYS)
- Crane Assessments
- Dynamic Loading (LSDYNA)
- Failure Analysis
- · Load Path and Haul Route Evaluations
- · Rigging Evaluations
- Seismic Analysis
- Seismic/Dynamic Loading Development & Analysis
- Seismic PRA HCLPF Analyses
- · Seismic Qualification of Equipment
- Soil Mechanics & Foundations
- SQUG Qualifications
- Structural Analysis & Design
- Support Analyses (ASME NF)

#### **Fire Protection Engineering**

- Detection/Suppression/Water Supply System Design
- Fire Barrier Testing and Qualification
- Fire Safe Shutdown Analysis
- Plant Fire Protection Program Support

#### **Electrical/I&C Engineering**

- · AC/DC System Design & Analysis
- Building Automation Systems & Controls
- Calculation Conversions
- · Control Room Design
- Cybersecurity and Security Safeguards
- · Design Studies
- · Diesel Generator Engineering
- Digital I&C System Analyses: Setpoint, FMEA, Reliability, Response Time Uncertainty
- · Digital Upgrades
- Electrical Calculations & System Analysis (ETAP)
- · Evaluation of Changes to Plant Operations
- Electrical Load Management
- · Environmental Qualification
- High Voltage Engineering, Procurement Construction
- · Human Factors Engineering
- I&C Calculations
- I&C System Design
- Interface Management
- Lighting
- · Modification Package Development
- · Nuclear Instrumentation Design Incore & Excore
- Plant Process Computer Replacements
- · Power Distribution
- Power Systems Modeling (ETAP, etc.)
- Qualification of Replacement Parts
- · Radiation Monitoring
- · Repairs to Existing Hardware
- · Requirements Specification Development
- Safety Qualified Measurement Solutions
- Security Replacements & Upgrades
- Single Point Vulnerability
- Software Quality Assurance (SQA) Plans and Procedures
- Software Verification and Validation (V&V)
- Specifications
- Temporary Power Design and Evaluation
- Tooling
- Voltage Regulation

#### Thermal Hydraulics/Performance

- Flow Modeling & Hydraulic Analysis
- Fluid Transient Hydrodynamic Pipe Loads
- · System Water Hammer Evaluation
- Thermal-Hydraulic Analysis including CFD Modeling

#### framatome

#### **License Renewal & Regulatory Projects**

- Aging Management
- Condition Monitoring & Operational Assessments
- · Design Basis Documentation
- Environmental Qualification
- Initial Plant Life Extension Analyses
- Justifications for Continuing Operation of Equipment
- Plant Condition Assessments
- Plant Financial Modeling/Analyses
- · Risk Informed Engineering
- Time-Limited License Aging Analysis & License
- · Renewal Application Support
- Reliability Improvement
- · Corrective Action Program
- Equipment Reliability Studies
- · Human Performance Trending
- Life Cycle Management
- · MOV/AOV Programs & Equipment Testing
- Operating Experience Program
- Plant Maintenance Living Program
- Plant Maintenance Optimization
- · Plant Restart Support
- Predictive & Preventative Program Assessments
- Reliability Engineering
- Root Cause Analysis/Support
- Single-Point Vulnerability Evaluations

#### **Mechanical Engineering**

- 3D Modeling and Design Services
- ASME BPVC & B31.1 Piping/Support Design
- Code Reconciliations
- Design and Equipment Specifications
- Design Basis Upgrades
- Development/Evaluation/Enhancement
- · Engineering Studies/Cost-Benefit Analysis
- · Fracture Mechanics, Elastic and Inelastic
- · Heating, Ventilation, Air Conditioning
- · Mechanical Component Engineering
- · Mechanical Systems Engineering
- Plant Modifications and Plant Design Modification Packages
- Rotating Equipment
- Safety Related Room Coolers
- Seismic Analysis
- · Stress Analysis/Finite Element Analysis
- Structure, Systems, Components Condition Assessments
- Suction Strainer/Containment
- Sump Hydraulic Analysis
- System Assessments
- System Monitoring
- Vibration Analysis

#### **Nuclear Analysis**

- · Alternative Source Term
- Containment & High Energy Line Break Analysis
- Control Room Habitability
- · Criticality Analysis
- Dose Assessment
- Fluid Transient Hydrodynamic Pipe Loads
- GOTHIC Analysis
- High Energy Line Break (HELB) Loading Reduction
- · Leak Before Break
- MCNP, DORT, SCALE, Heating Analysis
- Meteorological & Atmospheric Dispersion Analysis
- PSA Support Services
- Radiation Accident & Safety Analysis
- · Radiation Effluents & Waste Management
- Radiation Environmental Monitoring Program Support
- Radiation Shielding & Equipment Qualification
- · Spent Fuel Characterization
- Spent Fuel Pool Thermal-Hydraulic Analysis
- Transient/LOCA Safety Analysis

#### **Safety Analysis**

- Accident Analysis
- Containment Analysis
- Equipment Out of Service (EOOS) Evaluations
- Justification for Continued Operation (JCOs)
- Licensing Support
- · Lost Parts Analysis
- Probabilistic Risk Analysis (PRA) Including Fire, Seismic
- · Radiation Shielding
- Radiological and Environmental Analysis
- Security Modifications
- Site Dose Models
- Transient Analysis

#### **Technology Integration**

- Carbon-14 Harvesting for Medical Isotopes
- Chemical Decontamination Systems
- · Containment Filtered Venting Systems
- Decommissioning and Dismantling activities
- Film Forming Amines
- I&C Component OEM
- In-situ Pressure Test Solutions
- In-situ Resin Reduction
- Isotope Production Systems
- Plant Digital Twins & Analytics for Predictive Maintenance
- Robotics Development
- Steam Generator Secondary Side Chemical Clean
- Stitching for Video Inspection
- · Tubed Component Repair
- Waterlancing

# Global strength. Local expertise.





Framatome is an international leader in nuclear energy recognized for its innovative, digital and value added solutions for the global nuclear fleet. With worldwide expertise and a proven track record for reliability and performance, the company designs, services and installs components, fuel, and instrumentation and control systems for nuclear power plants. Its more than 20,000 employees work every day to help Framatome's customers supply ever cleaner, safer and more economical low-carbon energy.

Visit us at www.framatome.com, and follow us on X and LinkedIn.

Framatome is owned by the EDF Group (80.5%) and Mitsubishi Heavy Industries (MHI - 19.5%).

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See how our solutions can work for you https://bit.ly/FramatomeCA





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