

SPARE PARTS

Nuclear

OPERATIONS AND MAINTENANCE

COMPREHENSIVE SERVICE

You can count on Candu Energy Inc. to be your parts source expert. We provide a Comprehensive spare parts replacement service, complying with our customers' technical requirements. Our multidisciplinary team of highly trained engineers, scientists, technologists and trade specialists provides invaluable support for all activities needed to supply quality parts and prompt professional services, including:

- The right part, made to the latest design, on schedule.
- Replacement and re-engineered parts that meet fit, form and function.
- Parts manufactured by fully qualified vendors that meet our stringent quality assurance (QA) requirements based on approved drawings and documents.
- Commercial grade dedication services.

RELIABLE, PROVEN

Being able to provide safe and reliable solutions through superior technology is vital in the nuclear industry. With more than a century of experience in the power sector, and over 60 years invested in the nuclear industry, Candu Energy Inc. develops nuclear projects, products and services tailored to our clients' needs. Safety, quality, innovation and excellence in project execution are the values we live by every day.

Our Nuclear team strives to "think like an operator," offering cost-effective and reliable solutions to nuclear spare parts and obsolescence issues.

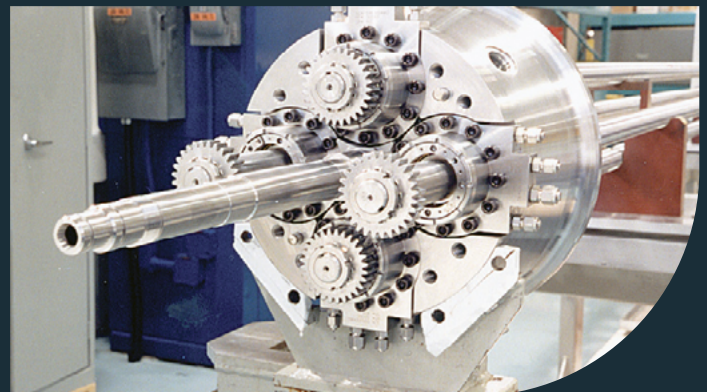
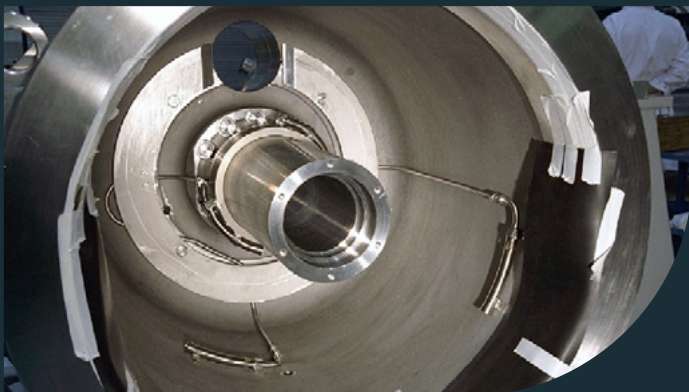
UNIQUE EXPERIENCE

We provide a comprehensive service supporting our customers' maintenance activities by locating—or designing and fabricating—specialized replacement parts. Using our unique experience, we:

- Replace nuclear components no longer supplied through traditional sources.
- Facilitate exchange of common and surplus spares.
- Supply environmentally qualified components.
- Perform reverse engineering and custom production of obsolete parts.
- Provide spares-planning support for commissioning and shutdown.
- Service, refurbish and replace valves.
- Conduct studies for parts substitution.
- Perform failure analysis.
- Replace obsolete equipment with upgraded technology.

REVERSE AND OBSOLESCENCE ENGINEERING

Got a tough one? We excel at making the impossible possible. If the part you need is obsolete, we provide alternative solutions, including reverse engineering. Our experienced team takes your original part and creates an equivalent replacement, including all required documentation.



WE ARE FULLY COMPLIANT WITH THE CSA N286:12 REQUIREMENTS AND CSA N299:19 SERIES OF STANDARD AND ARE ISO REGISTERED TO ISO 9001:2016. ADDITIONALLY, OUR PRESSURE BOUNDARY PROGRAM IS FULLY AUTHORIZED BY TSSA FOR COMPLIANCE WITH CSA N285.0 AND ASSOCIATED ASME BPVC CODES AND CSA B51:19 REQUIREMENTS.

ENVIRONMENTAL QUALIFICATION

We offer environmental qualification assessment and testing services to ensure equipment and components perform optimally in the environment for which they have been designed and developed. This data is directly applied to plant life assurance and life cycle management programs.

VENDOR QUALIFICATION AND IN-HOUSE MANUFACTURING

We qualify vendors to ensure our customers have quality parts at fair prices. We offer in-house custom precision manufacturing (aided by CNCs/ CAD/CAM/ CMMs), Complex assemblies and rigorous testing services to ensure quality products with quick turnaround times.

WE ARE THE FIRST ENGINEERING AND CONSTRUCTION COMPANY AUTHORIZED BY THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) TO CONSTRUCT NUCLEAR-CLASS ITEMS UNDER AN 'N' CERTIFICATE OF AUTHORIZATION. WE ARE COMPLIANT WITH THE US NUCLEAR REGULATORY COMMISSION'S 10 CFR 50 APPENDIX B QUALITY ASSURANCE CRITERIA.

