

The 2023 Canadian Nuclear Year in Review



ORGANIZATION OF CANADIAN
NUCLEAR INDUSTRIES



Table of Contents

Organization of Canadian Nuclear Industries (OCNI)	3
AtkinsRéalis	4
Bruce Power	5
Canadian Nuclear Association (CNA)	6
Canadian Nuclear Isotope Council (CNIC)	7
Canadian Nuclear Safety Commission (CNSC)	8
CANDU Owners Group (COG)	9
First Nations Power Authority (FNPA)	10
NAYGN	11
Nuclear Innovation Institute (NII)	12
Nuclear Waste Management Organization (NWMO)	13
Ontario’s Nuclear Advantage (ONA)	14
Ontario Power Generation (OPG)	15
Saskatchewan Industrial & Mining Suppliers Association Inc. (SIMSA)	16
Westinghouse Electric Canada	17

Bill Walker

President & Chief Executive Officer
Organization of Canadian Nuclear Industries



2023 has been a year of nuclear revival at home and worldwide. Virtually every day, another group, organization, or country seeks to find ways to utilize nuclear in efforts to achieve climate and net-zero goals.

It has been great to return to in-person events when possible while continuing to leverage technology via virtual programs to engage with people from around the globe. 2023 was one of the busiest years in the history of OCNI, and we proudly delivered excellence through our events, programs, partnerships, and community engagement that have strengthened the Canadian nuclear supply chain for the future.

Thank you so much for being part of the OCNI community in 2023!

We delivered successful trade missions abroad and hosted a wide range of countries, some of whom have yet to traditionally embrace nuclear and are exploring the nuclear opportunities that could help achieve their goals in their respective countries. We have also successfully been active in New Brunswick, having received funding, and have initiated actions to replicate our efforts in Saskatchewan to place SMRs closer to reality.

To you, the members, we express our sincere appreciation for your support of the association and the pride you demonstrate in being members of a clean-energy community that positively impacts our homes, jobs, and health. We are excited about the future and look forward to having you continue this journey with us in 2024 and beyond.

We hope you take time to reflect and re-charge with family and friends this holiday season. We hope you will enjoy this holiday mailer as part of your reflection and vision for the new year. Season's Blessings, and I wish you the best in the New Year. On a personal note, my wife and I have been blessed to become grandparents and will have a special celebration of the birth of our wee Cade.



Gary Rose

Executive Vice President Canada, Nuclear - AtkinsRéalis
President & CEO - Candu Energy Inc.



What is AtkinsRéalis celebrating for 2023?

AtkinsRéalis has a lot to celebrate this year!

At the beginning of the year we brought our engineering excellence to join with GE Hitachi Nuclear Energy, Aecon and OPG to construct North America's first SMR. In the summer, we celebrated the return of OPG's Darlington Unit 3 to the grid a full 169 days ahead of schedule, continuing a string of on time and on budget CANDU® projects. We were particularly pleased that our innovative combined calandria tube/pressure tube removal tooling system and procedure was a key part of that schedule compression. This fall, Bruce Power's Unit 6 was also connected to the grid ahead of schedule and on budget. Great achievements!

This fall, we were excited to launch our new brand. Whether it's embracing the concept of making the extraordinary a reality, engineering future-forward solutions to our clients, or working with our partners and suppliers to achieve flawless execution, AtkinsRéalis here to build a better future for our planet and its people.

We finished the year with the announcement of our new CANDU MONARK™ design. A 1,000MW reactor designed for the future, with an improved cost per megawatt-hour, a longer operating life and sustainable design principles, the CANDU MONARK design is a truly Canadian-designed reactor, that will provide incredible opportunities for the existing Canadian CANDU supply chain for generations to come.



What are some of your holiday traditions?

For me, holiday traditions are all about time with family – as my three sons grow up, things are different around the house, but we maintain some traditions from their childhood: stockings from Santa on their beds, we see what Santa brought, as a family (no peeking) and enjoy time opening presents. We then prepare for a crowded Christmas dinner with my two sisters and their children – great food followed by secret Santa, some board games, desserts, good laughs and fun all around!

What are you looking forward to indulging in over the holidays?

The simple answer is food...lots of great food. As I am from Newfoundland, some opportunities for indulgence include coconut covered snowballs and pineapple delight with some English rum-infused trifle....all very tasty! Newfie Screech and eggnog is also not too bad!!

Mike Rencheck

President & Chief Executive Officer
Bruce Power

BrucePower™
Innovation at work



What is Bruce Power celebrating for 2023?

Bruce Power has a lot to celebrate this year, both in terms of the work we've done on our site and the work we've done in the community. Thanks to the dedication, expertise and hard work of our employees, skilled trades and supplier community, we returned Unit 6 to service in September following its Major Component Replacement (MCR) project — safely, with quality, on budget and ahead of schedule. It was wonderful to celebrate this accomplishment with our employees during an on-site event on Oct. 17 with the Hon. Todd Smith, Minister of Energy, also in attendance.

We have also made progress on our Unit 3 MCR, which began earlier this year. By advancing our Life-Extension Program, which includes our MCR Projects, we're providing quality jobs and substantial economic benefit to the province, while ensuring the people of Ontario have a safe and reliable supply of electricity for decades to come.

Bruce Power is also proud to have donated over \$2 million to community charity organizations in 2023. We thank our dedicated supplier community for their participation in the Supplier Sponsorship Program. Together, we're helping give back to the communities which continue to support the work we're doing to power Ontario forward.

All of this was while reliably producing 30 per cent of Ontario's electricity, advancing our cancer-fighting isotope production program and reducing our footprint through our net zero strategy.

What should we watch out for in 2024 from Bruce Power?

This is an exciting time for Bruce Power and the nuclear industry. We're evaluating the feasibility of expanding our nuclear fleet to support Ontario's long-term energy needs and climate change goals. This project, known as Bruce C, includes conducting an Impact Assessment to consider adding up to 4,800 MW of nuclear capacity to complement Bruce Power's existing generating facilities. This is just the beginning of planning for the future of the Bruce site, and we look forward to engaging with Indigenous communities, local municipalities, and the public along the way.

Our pre-development work will also evaluate the opportunity to create and sustain high-quality jobs in the region and throughout our supply chain, support opportunities for Indigenous communities, and grow our leadership role in producing cancer-fighting medical isotopes.

The Bruce C Impact Assessment is the first step in a multi-year process, which will see Bruce Power provide a high-value option for Ontario if it decides to expand the nuclear capacity in the province. The next year will allow us to continue early dialogue and engagement to ensure all voices are heard.

Of course, in addition to exploring Bruce C, Bruce Power will continue to provide clean, reliable electricity for the people and businesses in Ontario and cancer-fighting medical isotopes across the globe while also protecting the environment and supporting the communities in which we live.



EQUIPMENT FABRICATION CAPABILITIES

Worley Chemetics is a **nuclear-certified fabricator** with a modern facility in Pickering, ON, experienced in custom-designed and proprietary equipment. We are leveraging our expertise to help develop new nuclear opportunities in North America and around the world.

Canada is poised to incorporate SMRs into its nuclear mix, and we are working with nuclear generation stations, SMR and Advanced Reactor technology companies as well as material vendors across the country to **ready the supply chain for the energy transition**.

OUR NUCLEAR HEAT EXCHANGERS AND PRESSURE VESSELS



Primary/Secondary
Spent Fuel Bay
Heat Exchangers



Bleed
Condenser
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Primary/Secondary
Irradiated Fuel Bay
Heat Exchangers



Shutdown
Cooling Heat
Exchangers



Maintenance
Cooling Heat
Exchangers

NUCLEAR CERTIFICATIONS – CSA N285.0, CSA N299, ASME N-Stamp Sec III Div. 1 & Div. 5

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JOHN LONGO
Director of Operation



SNEZANA VELIMIROVIC
Senior Business Development Manager

Worley Chemetics (formerly Fromson Heat Transfer Ltd.) has been a trusted supplier of nuclear equipment since 1975, servicing OPG Darlington/Pickering, Bruce Power and Chalk River (CNL).

John Gorman

President & Chief Executive Officer
Canadian Nuclear Association



What is the CNA celebrating for 2023?

The CNA is genuinely thrilled about the success of the nuclear industry and the increasing support it's receiving. In the last two years, people have started calling it a "renaissance," which reminds us of the original movement that thrived for an impressive two centuries. Seeing this surge of positivity is truly inspiring.

While it would be fantastic to have support for the next 200 years, we are hopeful for sustained backing for the Canadian nuclear sector in the coming years. This prospect fills us with hope. With this support, we are confident that we can achieve our energy and climate goals, paving the way for a brighter and more sustainable future.



Summarize 2023 with a famous quote

“A society grows great when old men plant trees in whose shade they know they shall never sit.”

– Greek Proverb

CNA continues to work with its members to promote nuclear energy as a powerful tool for Canada's clean energy transition over the next decade and beyond. The continued prosperity, safety, and quality of life for all Canadians and future generations necessitates us to choose the path of mitigating the effects of climate change.

Favourite holiday movie?

It's a Wonderful Life
(directed by Frank Capra)

The film's message of not giving up and holding on to hope will remain timeless. The movie, released in 1946, reflects the trauma and anxiety people were grappling with as they faced profound societal changes in a post-World War II world. I see parallels in our modern world as we face similar challenges in the wake of the pandemic, multiple wars, widening economic disparity and climate change. It's a Wonderful Life reminds us, as it did with George Bailey, that we must rely on our community to build a better shared future.

Andrew Thiele

Executive Director
Canadian Nuclear Isotope Council

Melody Greaves

Manager, Strategic Initiatives
Canadian Nuclear Isotope Council



What should we watch out for in 2024 from CNIC?

In 2024, CNIC will be continuing to promote and build upon the Isotopes for Hope Campaign through a new medium. As part of the next phase, CNIC will be releasing an exciting multi-episode Isotopes for Hope podcast that highlights Canadian leaders in the country's isotope and cancer care sector.

The CNIC will also be continuing its advocacy efforts in new ways. Following the first successful federal Hill Day in June 2023 and the Medical Isotope Advocacy Reception at Queen's Park in December, CNIC will be turning its attention to other provinces where there is significant growth and opportunity for the isotope industry. We hope to increase national awareness of the importance of isotopes, while working with all governments to develop solutions to ongoing challenges.

We are also looking forward to the third annual CNIC Leaders' Summit, which in 2024 will be in partnership with the University Health Network on June 6-7 in Toronto to precede SNMMI 2024.

What is CNIC celebrating for 2023?

CNIC is celebrating significant progress in its government advocacy. As part of our Isotopes for Hope report, launched in March of this year, we made seven key recommendations to government to unleash the potential of the sector and best support the isotope industry.

Through advocacy efforts from CNIC and its membership, which has now reached over 80 members across the isotope supply chain, we have seen growing recognition and support from all levels of government. We celebrate the successful delivery of the isotope industry's first-ever dedicated Hill Day in June, which allowed CNIC and member representatives to meet with 25+ Members of Parliament, political staffers, and key individuals in the Government of Canada bureaucracy. As a follow-up to our Hill Day, we are working with Natural Resources Canada, Innovation Science and Economic Development (ISED), and Health Canada to begin establishing an inter-departmental steering committee for isotopes, the first of its kind.

In December, we are also celebrating the first Medical Isotope Advocacy Reception held at the Legislative Assembly of Ontario, which focuses on increasing cross-party awareness of the importance of medical isotopes to healthcare and the fight against cancer. The event brings together elected representatives and staff across parties to meet with CNIC members and healthcare experts to discuss how best to support the medical isotope industry.

Together, we have made great strides in ensuring that the industry has the regulatory, financial, and logistical supports needed to encourage investment and development.

Our progress is documented in our newest report, "Isotopes for Hope: Update on Recommendations," which serves as a progress update since the launch of the campaign. The report identifies areas where work is advancing, and indicates ongoing challenges where continued advocacy in 2024 is needed.

Favourite holiday movie?

Andrew's favourite holiday movie is Jingle All the Way. Melody's favourite is the Home Alone series, but only the first two movies!

Ramzi Jammal

Acting Chief Executive Officer

Canadian Nuclear Safety Commission (CNSC)



Canada



What are some of your holiday traditions?

A CNSC tradition I look forward to at this time of year is gathering with our staff from across the country during our December Town Hall. We will be honouring exceptional achievements over the last year and presenting annual awards to commendable recipients. It brings me great joy and pride to celebrate our successes together. On a personal note, as an avid cyclist, I look forward to riding my bike during the Christmas holidays to recharge. It is also a time for me to pause and remember the less fortunate and people who may be experiencing hardships, it's important for me to give to those in need.

What is CNSC celebrating for 2023?

2023 was a productive and transformative year. We provided regulatory oversight of the complex refurbishments at the Bruce Power and Darlington nuclear generating stations and undertook licensing activities for 2 medical isotope-producing initiatives. We were honoured to chair international nuclear bodies, such as the International Nuclear Regulators' Association and the International Atomic Energy Agency's Commission on Safety Standards, and we continued our vital work towards the international standardization of small modular reactor designs. At home, we launched the Indigenous and Stakeholder Capacity Fund, a funding program that helps support Indigenous Nations and communities and interested stakeholders participate in regulatory processes more effectively.

What should we watch out for in 2024 from CNSC?

We expect a busy year ahead as we prepare to welcome our next President and CEO and continue with our important regulatory work. As part of the global community of nuclear regulators, we will continue chairing key committees and working groups such as the International Atomic Energy Association's (IAEA) Regulatory Cooperation Forum.

Our focus will also be on enhancing regulatory efficiency by reducing duplication through collaboration with provincial authorities, federal agencies, and international partners. This coordination enables Canada to continue being a world leader in overseeing large projects such as power plant refurbishments, the introduction of small modular (SMR) reactors in Canada, and micro reactors assessments—all with safety being the highest priority.

In January, during the first public hearing, the Commission will consider and decide on the applicability of the Environmental Assessment for the Darlington New Nuclear Project with respect to Ontario Power Generation's selected BWRX-300 SMR technology.

Later this spring, the CNSC will host an IAEA Integrated Regulatory Review Service (IRRS) follow-up mission to review the progress in implementing the suggestions and recommendations from the IRRS Mission of 2019. This review is part of our commitment to demonstrating global leadership on nuclear safety and protecting Canadians and their communities.

Rachna Clavero

President and Chief Executive Officer
CANDU Owners Group (COG)

CANDU Owners Group Inc.



"Excellence Through Collaboration"

What is COG celebrating for 2023?

There is so much to celebrate in the nuclear industry for 2023; in my career there has never been a time of such opportunity for nuclear to contribute to Canadian and international energy security and climate change goals.

The federal government's September announcement of \$3 billion of available export financing to long-standing COG member Societatea Nationala Nuclearelectrica SA (SNN) is just one example. The investment will support further Canadian jobs and business activity in Romania's nuclear sector as they advance construction of two new CANDU reactors and builds on decades of nuclear collaboration between Canada and Romania. And locally, the advancements by OPG, Bruce Power and NB Power on advancing new builds/new technologies, and the inter-provincial collaboration with new jurisdictions such as SaskPower demonstrate that Canada's history of nuclear excellence through collaboration is the roadmap to our clean energy future.

For COG in particular, our 2023 Collaboration Week was a celebration of excellence through collaboration! Our first CCW since 2018 brought together over 400 key stakeholders from across the industry to learn from one another and find new opportunities to collaborate. A highlight of the week was the launch of COG's Innovation and Technology Workshop. The multi-day seminar showcased a variety of current technology and innovation initiatives, explored future focus areas at CANDU facilities, how to foster and accelerate innovation, and opportunities to apply emerging technologies in operating plants. Feedback has been resoundingly positive and planning is underway for a Joint Project to support this initiative and hold regular workshops annually.

We are also celebrating the continued growth of our supplier participant program. Through COG, the nuclear supply chain has collaboratively developed an internationally-recognized approach to achieve an increasingly strong safety and quality culture. We look forward to continued cooperation with OCNI to ensure a robust CANDU supply chain.



COG team photo from 2023 CCW

What is motivating COG for 2024?

As the pace of activity in the nuclear industry continues to accelerate, so does the need for collaboration. To that end, stay tuned for exciting announcements from COG in 2024 as we celebrate our 40th anniversary and transform to meet members' expanding needs and support advancements in new nuclear.

What are some of your holiday traditions?

A tradition I always enjoy with my family is the tree lighting ceremony in Streetsville, with a peppermint hot chocolate in hand! And for COG, I'm looking forward to celebrating a successful year at our annual staff holiday party and to giving back to our community; this year we are hosting a silent auction to raise funds for the Daily Bread Food Bank.



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*Certification approval expected 2024

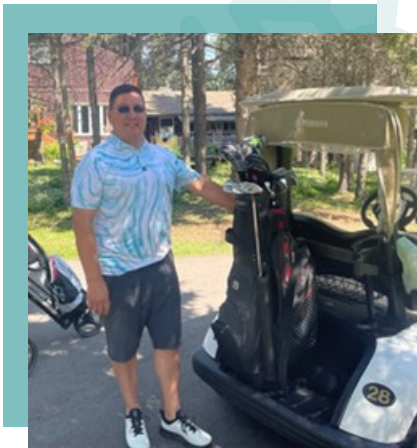


Guy Lonechild

President & Chief Executive Officer
First Nations Power Authority (FNPA)



First Nations
Power Authority™



What is FNPA celebrating for 2023?

In 2023, FNPA worked to advance clean energy projects that require the electricity market to pay close attention to how Indigenous knowledge and priorities play a pivotal role in the design and delivery of power projects now and into the future. We aim to provide insights into best practices for development, building, owning, operating, and maintaining renewable energy projects in the Canadian electricity market and apply these learnings to all that we do including the nuclear sector.

Our partnership with the Organization for Canadian Nuclear Industries is expected to pay dividends for both of our memberships as we design and deliver valuable tools for Indigenous and industry partners for nuclear certification and qualifications that attract new Indigenous entrants into the field. In December 2023, we will offer a new Indigenous database Request for Proposals that will result in building synergies between rights holders and the nuclear industry.



What should we watch out for in 2024 from FNPA?

Look for FNPA to provide guidance to other markets in British Columbia for the Call for Power in 2024 and the Independent Electricity System Operator in Ontario as we look to impact the way electrical utilities interact with Indigenous communities, engage in nation-building through energy efficiency programming, and build Indigenous ownership of energy assets across a broad range of technologies.

We continue to dialogue and provide valuable advice on what constitutes Indigenous-led energy projects. More particularly, a 100 MW solar project in Saskatchewan that will be offered through a competitive bid process with an emphasis on industry-leading Indigenous-led projects benefits in 2024. The cleantech sector has benefitted greatly from Indigenous perspectives and we don't see that diminishing in importance as we strive for a net-zero future by 2050!

On behalf of our Board of Directors, staff, and consultancy team, I am proud to say that this year has been so rewarding as more First Nations and Indigenous communities pursue wealth creation initiatives, self-sustainability, and energy sovereignty, with the help of our team of qualified professionals.

Matthew Mairinger

President at NAYGN



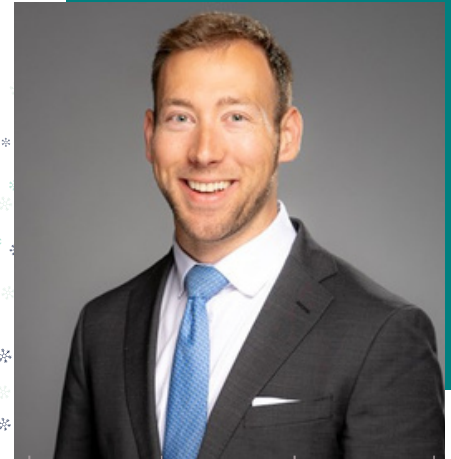
What is NAYGN celebrating for 2023?

In June 2023, NAYGN hosted its first ever stand-alone continental conference in Minneapolis, MN – our first in the 24 years of NAYGN existence! The conference included plenaries from Miss America & Isotope, various workshops and breakout topics, we threw out the first pitch at the MLB Twins game (while a nuclear hype video was shown on the jumbotron), and members had a tour of BWR/PWR plants in the area. We look forward to continuing to Energize the Future of Nuclear at our June 2024 conference in Charlotte, NC.

NAYGN continued its clean energy advocacy in 2023 by sending teams to key clean energy events around the globe (CLEANPOWER, CEM14, Re+, and COP28). NAYGN encouraged professional development of our members by running our annual Atomic Mentorship Program (AMP) and our annual leadership program, NucLEADers. We are excited to start 2024 and share the wealth of opportunities with our existing chapters and the 19 new chapters we started across the continent in 2023, 8 of which are in Canada!

What are you looking for in terms of support from our industry?

As a non-profit organization with no membership dues, we are always looking for sponsorship to support our mission. Sponsorship allows us to support our members in professional development, local chapter advocacy, and outreach. This year, NAYGN revised our sponsorship levels to include more benefits for our sponsors – this includes benefits directly tied to our annual conferences, including our June 3-5, 2024 conference in Charlotte, NC. If you are interested in learning more about being involved in NAYGN as a sponsor or conference exhibitor, learning more about our organization, or starting a chapter please reach out to info@naygn.org



What are some of your holiday traditions?

On Christmas eve the extended family gets together, and we do a White Elephant/Dirty Santa gift exchange followed by some serious games of euchre. Both of which get way too competitive - but it's a ton of fun!

Bruce Wallace

President and Chief Executive Officer
Nuclear Innovative Institute



NUCLEAR
INNOVATION
INSTITUTE™

What should we watch out for in 2024 from NII?

Watch for the launch of our NII Advance Technology Campus, a first-in-the-region innovation and education centre that serves as a sandbox for collaboration and professional development—a space to touch and test the technologies that are changing our world. Near the Bruce Power Visitors' Centre, the Campus will host a diverse range of courses and professional development training (both NII-led and partner-led programs), develop tailored training opportunities to boost workers' skills and knowledge, and lead high-impact innovation projects along with showcasing emerging technologies.



Favourite holiday movie

Favourite holiday movie has to be *It's a Wonderful Life*—because no one is a failure who has friends. But a tip of the hat to the British *The Office Christmas special*, if television counts.

Summarize 2023 with a famous quote

“We are too busy dancing to get knocked off our feet.”

—Taylor Swift, "New Romantics"



Laurie Swami

President and Chief Executive Officer
Nuclear Waste Management Organization(NWMO)



NUCLEAR WASTE MANAGEMENT ORGANIZATION
SOCIÉTÉ DE GESTION DES DÉCHETS NUCLÉAIRES



What is a holiday tradition of yours?

My favourite holiday tradition is sharing cheese fondu on Christmas Eve with my family.



What should we watch out for in 2024 from the NWMO?

Next year is an incredibly important year for the NWMO, and an exciting one! Since 2010, the NWMO has been engaged in a multi-year process to identify a site where Canada's used nuclear fuel can be safely contained and isolated in a deep geological repository. We are on track to identify a preferred site in the fall of 2024.

There are two areas remaining in our site selection process: the Saugeen Ojibway Nation (SON)-South Bruce area in southern Ontario and the Wabigoon Lake Ojibway Nation-Ignace area in northwestern Ontario. Based on the results of several years of technical studies, the NWMO's team of scientists and engineers is confident that a deep geological repository can be constructed at either potential site to safely and responsibly manage Canada's used nuclear fuel for the long term.

Just as important is the potential for supportive and resilient partnerships and in 2024, communities will assess their willingness to potentially host the repository – a critical factor in the NWMO's decision-making process. Canada's plan will only proceed in an area with informed and willing hosts, where the municipality, First Nation and Métis communities, and others in the area are working together to implement it.

What are you looking for in terms of support from our sector?

We need vocal advocates showing support for Canada's plan, the NWMO as the organization implementing the project, and for the communities engaged in the process as they consider this enormous decision. We know industry is already speaking up and advocating for us and for a deep geological repository. Next year, in 2024 and beyond, we need your voices more than ever! We need the sector proactively sharing our story with decision-makers, helping to correct misinformation, and celebrating the site selection milestone – a major step forward toward successfully building a repository for Canada's used nuclear fuel – with us loudly and proudly. We'll also need your support as we prepare for the impact assessment process and next steps in moving Canada's plan forward. In 2024, we need your help to confidently and proudly share our story.



Season's Greetings Joyeuses Fêtes

As we approach the end of this remarkable year, we wanted to take a moment to express our deepest appreciation for the trust and confidence received from our clients, our partners, our employees, and our suppliers. Together, we have achieved great success, and it's with immense gratitude that we reflect on the collaborations that have made this possible.

As the holiday season approaches, we hope you take time to relax and enjoy the company of loved ones. May this festive season bring joy, warmth, and moments of well-deserved rest.

Looking ahead to 2024, we are excited about the possibilities and opportunities that are waiting for us. Together, let's continue to innovate, collaborate, and achieve new heights of success.

Wishing you and your loved ones a joyful holiday season and a prosperous New Year filled with abundance, good health, and success.



Alors que nous approchons de la fin de cette année remarquable, nous voulions prendre un moment pour exprimer notre plus profonde reconnaissance pour la confiance reçue de la part de nos clients, partenaires, employés et fournisseurs. Ensemble, nous avons beaucoup accompli au cours de cette année couronnée de succès.

Nous souhaitons, pour cette occasion, vous exprimer toute notre reconnaissance et vous remercier pour ces collaborations qui ont contribué à ce succès.

À l'approche des fêtes de fin d'année, nous espérons que vous prendrez le temps de relaxer et de profiter de la compagnie de vos proches. Puisse cette période des fêtes vous apporter de la joie, de la chaleur et des moments de repos bien mérités.

Pour la prochaine année 2024, nous sommes enthousiasmés par les possibilités et les opportunités qui nous attendent. Ensemble, continuons à innover, collaborer pour l'atteinte de nouveaux sommets.

Nous vous souhaitons, ainsi qu'à vos proches, de joyeuses fêtes et une année 2024 prospère, remplie d'abondance, de bonne santé et de succès.

Sincerely / Sincèrement,

Stéphane Leduc



Nuclear Waste Management
Gestion de matières nucléaires



Life Science
Sciences de la vie



Nuclear Medicine
Médecine nucléaire

Andrew Thiele

Project Lead

Ontario's Nuclear Advantage



ONTARIO'S NUCLEAR ADVANTAGE

What is the ONA celebrating for 2023?

For decades, nuclear energy has been safely and reliably powering Ontario with emissions-free electricity. This vital energy source powers communities and saves lives around the world through nuclear medicine. The Canadian nuclear industry continues to innovate with new technologies to support existing operations and to power even greater possibilities in the decades to come, such as achieving net-zero emissions by 2050. Major investments and decisions are on the horizon for the nuclear industry with life-extension projects, medical isotopes and SMRs.

As an industry, we have worked hard to promote the role of nuclear and the benefits it provides. ONA is dedicated to communicating about nuclear energy's vital role in ensuring a clean energy future. Without emissions-free nuclear power, Canada cannot reach its target of Net Zero by 2050.



What should we watch out for in 2024 from ONA?

Taking Action Together

The Ontario Nuclear Advantage (ONA) is calling upon the 70,000-plus Canadian nuclear workers and industry leaders to take action to create a more balanced conversation to defend our industry's proud history and promising future. ONA is launching a program to help align the industry with key messages and facts so that, together, we can elevate the important role nuclear plays in Ontario and better respond to the vocal minority. When nuclear projects succeed, we succeed as an industry. We all have a stake in the game. We need to communicate our message so we can continue to grow and take full advantage of all of our future possibilities.

Favourite holiday movie?

Jingle All The Way

Satires are hard to come by. Good satires are much rarer. Satires that fooled everyone, from the audience to the actors playing in the film are toughest to find and Jingle All The Way achieves just that. By throwing a social commentary joke over the heads of audience, and then by delivering a biting message that stands just as true today as it did when it first came out, Jingle All The Way went from disappointment to one of the most realistic holiday films ever.

Ken Hartwick

President and Chief Executive Officer
Ontario Power Generation (OPG)

What is OPG celebrating for 2023?

OPG and our employees had much to celebrate in 2023 as we continued our excellence in nuclear operations and made major strides on key nuclear and other projects.

Throughout the year, we progressed our effort to deploy North America's first commercial Small Modular Reactor (SMR) at our Darlington Nuclear site. This included forming a team with three other leading companies to build our first reactor later this decade and working internationally to advance similar new nuclear projects around the world. In July, we were excited to get the green light from the Province to commence planning and licensing to build three additional SMRs at the site, which would establish the first SMR fleet in the Western world.

On our Darlington Refurbishment project, we were proud to return Unit 3 back into service, 169 days ahead of schedule. This was a huge success for OPG, Ontario, and the industry, and reflects our dedication to planning and innovation, as well as the strength of our workforce and the nuclear supply chain.

We also submitted to the Province our completed feasibility assessment for the refurbishment of Units 5 to 8 at our Pickering Nuclear station and continued to collaborate with Bruce Power and the IESO on the future of large new nuclear builds.

These major developments are all helping to build momentum for nuclear power and its future, and it all comes down to our people. I want to thank all our employees for their dedication, commitment, and leadership. It is through their efforts that we will realize nuclear's promising future in Ontario and abroad.

What is motivating OPG for 2024?

With climate change and energy security top of mind, the world continues to look to Ontario and OPG for answers. We want to continue to provide those answers and leadership during this critical time.

For OPG, that means continuing the momentum on our SMR project and new nuclear initiatives, while collaborating with our partners and sharing our lessons learned to help advance new nuclear around the world. It also means making progress on our other clean energy initiatives, including exploring new hydro development opportunities in partnership with Indigenous communities, developing low-carbon hydrogen, and investing in new energy storage solutions.

At the same time, we won't lose sight of our responsibility to provide clean, reliable, and safe power for Ontario's homes, industries, and businesses. This core mission will guide our everyday actions, along with the commitments outlined in our Reconciliation Action Plan, Equity, Diversity, and Inclusion Strategy, and Climate Change Plan.



Favourite holiday movie?

Planes, Trains and Automobiles because John

Candy is one of the greatest comedic talents and a true Canadian legend.





Eric Anderson

Executive Director

Saskatchewan Industrial & Mining Suppliers Association Inc.



Saskatchewan Industrial & Mining
Suppliers Association Inc

What is SIMSA celebrating for 2023?

The Saskatchewan Industrial and Mining Suppliers Association (SIMSA) has a simple goal – “we help our members sell stuff.” This goal has carried us through a steady growth line for first 10-years, which we celebrated this year. We do this by working with major buyers – be they nuclear power, mining, and other companies – to enable them to shop local, rather than demanding it. We realise that these companies need to be profitable, in order for them to be great clients for our members. In short, when the major corporations get squeezed, the supply chain gets crushed. So we celebrate them. Given all of this, SIMSA is celebrating steady growth and are looking forward to continued success with our members’ and their clients.



What is your favourite holiday movie?

Our family watches the 1989 movie - National Lampoon’s “Christmas Vacation” every year. It’s funny, but also true. So many people strive for the perfect Christmas and gifts, while missing the simple pleasures in front of them. It’s also interesting to note that the film only had a \$25-million dollar budget to create it, but it became a Christmas classic. Sincerity won over polish.



What is motivating SIMSA for 2024?

Between the mining and energy sectors, there are tens of billions in spending targeted for Saskatchewan over the coming years, so all of us need to pull in the same direction to make this happen. 2024 will be a year of equipping and aligning teams, to see as much of these billions stick to our province and its supply chain as possible. Key to all of this is labour – we see “labour as the critical infrastructure” to build our expanding economy. Our motivation is excitement (and it’s also our fear too).

Eddie Saab

President

Westinghouse Electric Canada



Westinghouse

What is Westinghouse celebrating for 2023?

We are celebrating the recent acquisition of Westinghouse by two Canadian powerhouses - Brookfield Renewable and Cameco - who uniquely complement our collective strengths across nuclear, renewables and uranium industries. Together, Westinghouse will be an even stronger company, providing a superior level of expertise, coupled with the ability to serve customers in a more robust manner. We look forward to the continued growth journey that awaits us!



What are some of your holiday traditions?

Each year I look forward to building and decorating gingerbread houses with my children – this year they will be gingerbread eVinci microreactors!



What is motivating Westinghouse for 2024?

Westinghouse is feeling incredibly motivated after a very successful year as a result of our eVinci™ microreactor and CANDU® services. After successfully completing the first-ever Advanced Scale Conditioning Agents (ASCA) application in a CANDU plant at Pickering as well as Saskatchewan Research Council's (SRC) recent announcement of obtaining government funding to operate the first-ever eVinci microreactor, our growing team looks forward to accelerated growth. Additionally, we are excited to continue partnering with OCNl members on exciting projects across Canada and globally.