



Annual Report 2017 - 2018

ORGANIZATION OF CANADIAN
NUCLEAR INDUSTRIES



Clean Energy for a Low Carbon Economy

Our Members' Nuclear Products & Services

OCNI is an association of leading nuclear industry suppliers in Canada and abroad. In 2018 we grew to 242 members – our highest membership to date.

Advertising, Marketing & Communications

Business Development & Consulting

Calibration & Testing Services
Measuring & Test Equipment

Chemicals and Related Products

Contracting & Project Management

Electrical Equipment & Components (Misc.)

Engineering Services

Equipment Qualification & Testing

Fluid Control Equipment (Valves, Pumps & Related Equipment)

Industrial Maintenance

Information Technology
(Computers, Systems, Software)

Instrumentation (Misc.)

Machining and/or Fabrication
(General)

Material Handling, Packaging & Shipping Equipment and Services

Medical Products & Services
(Nuclear)

NDE

Nuclear Fuel (Mining, Processing, etc.)

Radiation Shielding Products

Raw Materials (Castings, Forgings, Bar, etc.)

Training and Simulation

Waste Management

Decommissioning

STRATEGIC FOCUS AREAS



CONNECTION

Strengthen linkages between OCNI suppliers and utilities.



READINESS

Increase supplier readiness for large projects and refurbishment.



GLOBAL REACH

Develop international opportunities for our members.



ADVOCACY

Proactive government and public relations advocacy for nuclear power.

OCNI VISION:

Lead and strengthen a thriving Canadian nuclear supply chain.

OCNI MISSION:

Promote the Canadian nuclear industry for the benefit of our members and by offering services that enable members to be successful in the domestic and global nuclear industry.

OCNI GOAL:

Founded in 1979, OCNI is the leading and trusted voice of the Canadian nuclear supply chain actively promoting the production of safe, reliable and **clean nuclear energy for a low carbon economy**.



ORGANIZATION OF
CANADIAN NUCLEAR
INDUSTRIES

Clean Energy for a Low Carbon Economy

About OCNI



240+ members



12,000 - 15,000

highly qualified nuclear specialists employed by OCNI members



>\$10 B contributed annually to the Canadian economy from the Canadian nuclear industry once the Darlington and Bruce refurbishment projects are underway

Member Profile



15

Large engineers/fabricators



14

Specialty CANDU designers & equipment suppliers
>\$5M/year



138

SMEs & consultants



52

Generic designers and equipment suppliers



23

Supporting members

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OCNI STAFF MEMBERS

From Left to Right:

Marina Oeyangen, Director of Operations
 Alison Fernandes, OCNI Bruce County/Bruce Power Liaison
 Ron Oberth, President and CEO
 Sarina Harrison, Office Administration
 Ruth Puckrin, Accounting
 Brighton Johnston, Bruce County Office Administration

OCNI President's Message



The year began with the first anniversary of the start Ontario Power Generation's Darlington Unit 2 refurbishment project and ended with the Unit 2 project past its midway point tracking on time and on-budget with an excellent safety record. OPG received approval in early 2018 from the Ontario Government to begin the refurbishment of Darlington Unit 3. The Bruce Power Major Component Replacement (MCR) project is progressing with contracts for supply of major companies announced in May.

OCNI membership continues to grow reaching 242 at year-end. Small and medium sized enterprises (SME's) recognize OCNI's value proposition in supporting a vertically integrated and collaborative supplier network through "supplier days" at customer sites, technical workshops on important and emerging supplier topics and general knowledge sharing and networking events. Our financial health (\$103K in net revenue and \$1036K in net assets) (page 22) enables us to undertake major events, promote the nuclear industry, invest in skills development, and support local charities.

OCNI intervened at CNSC Public Licensing Hearings for CNL's Chalk River Laboratory, the Bruce Power Site and OPG Pickering. OCNI continued its public and political outreach through its "Local Supplier Engagement Program" which celebrated Refurbishment and MCR Milestones, job creation and innovations at supplier sites in Clarington, Newmarket, Burlington, Niagara Falls and Hamilton attended by local media, MPP's and local politicians. OCNI also works closely with the Ontario Nuclear Advocacy Committee in ensuring that industry outreach is aligned and coordinated.

In March OCNI and its partner organizations were awarded a grant of nearly \$500,000 by the Ontario Ministry of Training, Colleges and Universities (MTCU) over one year to attract youth, young women and Indigenous people into skilled trades positions in the nuclear industry. The OCNI-led 'Skilled Trades Employment Pathway to the Clean Energy Sector' (STEP) program is on target to place 50 young men, young women and Indigenous people across the nuclear supply chain by March 31, 2019. The OCNI STEP program is helping to address a projected skilled trades gap when the OPG and Bruce Power life extension projects reach highest demand for skilled workers in the 2022/2024 - time frame.

OCNI officially opened its office in Port Elgin in March. The office, shared with the Bruce Power Indigenous Relations Suppliers Network (IRSN), helps smaller suppliers engage with Bruce Power and supports Bruce County economic development.

OCNI launched its First Nations, Metis, and Inuit Engagement initiative in late fall to help address the unemployment issue in Indigenous communities and encourage/support OCNI suppliers in attracting and hiring Indigenous people in skilled trades positions to help meet the increasing workload as the Refurbishment and MCR projects gain momentum.

Thanks to our members, customers, and stakeholders in helping to make the last year our best ever.

A handwritten signature in blue ink, appearing to read "Ron C. Oberth". The signature is fluid and cursive, with a long horizontal stroke at the end.

Ron Oberth
President and CEO

OCNI Board Of Directors 2017-2018

Martin Tulett

Chair

MVT Performance Inc.



James Gandhi

Aecon Nuclear



Brian Agnew

Treasurer / Vice-Chair

Mirion Technologies



Jun Tang

BWXT Canada Ltd.



Michele Cheng-Newson

Secretary

Lakeside Process Controls



Justin Hannah

SNC-Lavalin



Narinder Bains

ATS Automation



Jack Scott

Alberici Constructors, Ltd.



Benoit Parent

Cummins Eastern Canada LP



Ahab Abdel-Aziz

Gowling WLG (Canada) LLP



Doug Burton

DB2 Consulting



Walter Silva

Toshiba Industrial Products Canada



Yung Hoang

Kinectrics



Along with the OCNI Board of Directors, OCNI has several Operational Committees to ensure the needs of its membership are met and that the key nuclear industry issues are addressed by OCNI.

2017/2018 At A Glance

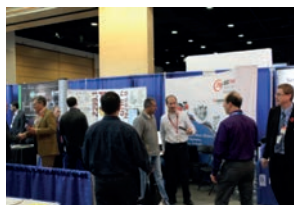
CONNECTION

SNC-LAVALIN
Suppliers Day



"Nuclear Day", Toronto
Global Forum

CNA Queen's
Park Day



OCNI Strategic
Workshop

NPAANP Job Fair



UOIT /Durham College
Nuclear supply chain Job
Fair

READINESS



Annual General
Meeting &
Conference

Bruce Power
Supplier Day

OCNI / CSA N299
Seminar



GLOBAL REACH



Supplier Event
at Curtiss-Wright
Nuclear



4th Annual Opportunity
Knocks Youth Career
Conference

ADVOCACY



OCNI Christmas
Luncheon



Trade Mission to China



Grand Opening of the
new OCNI / IRSN Port
Elgin Office

Q1

Q2



FNMI Engagement Workshop



BWXT Announcement on medical Isotopes (in partnership with OPG)



OCNI/OPG Pickering Supplier Workshop



OCNI Annual Charity Golf Tournament



OCNI/ CSA N299 Seminar



2018 Skills Ontario Competition



OCNI/ CNL Industry Day

STEP Information Session, (DEC, OPG)



IAEA Technical Meeting



Grand Fondo Lake Huron Charity Bike Ride



USA-Canada Nuclear Energy Leadership Summit



OCNI/ OPG Darlington Suppliers Day



CNL Industry Day, pre-event dinner



OCNI Trade Mission to PBNC (San Francisco)

Q3

Q4



- 5** Supplier Days
- 4** Networking events
- 8** OCNI/Utility Innovation Workshops

Strengthen Linkage between OCNI suppliers and utilities/customers

OCNI organized five successful supplier events over the year at SNC-Lavalin, Bruce Power, OPG Pickering, Chalk River Site and at the Darlington Energy Complex. These events especially benefit our smaller suppliers in showcasing new and innovative products to engineering, maintenance, and procurement staff at our major customer sites.

In a new initiative, OCNI worked closely with the CANDU Owners Group (COG) in organizing a series of one-one workshops at which selected suppliers presented their innovative solutions to address operational challenges in six key areas identified by COG's Engineering Peer Group. Twenty-three suppliers responded to the RFEOI to submit innovative solutions to tackle the six operational challenges.

OCNI worked closely with Darlington procurement department in arranging a Vendor Showcase at the Darlington site on "repairing/replacing copper/stainless steel tubing and piping at Darlington".

OCNI also collaborated with OPG Pickering in arranging an Innovation Seminar in May at which OCNI members presented innovative solutions to improve the plant maintenance efficiency using new technologies: such as Artificial Intelligence / Machine Learning, Virtual Reality/Augmented Reality, Blockchain Technology, and Data Analytics.

Finally, the Annual OCNI Golf Tournament in June and the OCNI Christmas Lunch bring our members together in a social setting and remind us that business and friendship go hand in hand. OCNI donations through fund-raising at these events support local charities and the Salvation Army in supporting those less fortunate than us.



Women in Durham (WiN), UOIT Job Fair.



CNL pre-event dinner, September 2018.



CNL Industry Day with Mark Lesinski, President & CEO, CNL, September 2018.

OCNI SNAPSHOTS



SNC-Lavalin Suppliers Day, October 2017. Control Room Mock up.



Bruce Power Suppliers Day, Nov 2017.



AGM 2017. Keynote Speaker, Jeff Lyash, OPG President & CEO.



OPG Pickering Suppliers Day, May 2018.



OPG Pickering Innovation Workshop, May 2018.



OPG Darlington Suppliers Day, September 2018.



CNL Industry Day, September 2018.



CNL pre-event dinner. Amanda Two-Axe Kohoko and Taylor Ozawanimke from Algonquins of Pikwakanagan with Marina Oeyangen, Director of Operations, OCNI.

HIGHLIGHTS

October – December 2017

- Nuclear Industry Leaders Meeting on CNA / OCNI/ COG Alignment
- Bruce Power Suppliers Day
- Annual General Meeting & Conference
- OCNI Christmas Luncheon

January – March 2018

- Grand Opening of the OCNI / IRSN Bruce County office

April – June 2018

- OPG Pickering Suppliers Day & Innovation Workshop
- COG/ OCNI Innovation Workshops
- OCNI Golf tournament

January – September 2018

- OPG Darlington Suppliers Day
- Canadian Nuclear Laboratories Pre-Event Dinner
- CNL Industry Day



- 1 FNMI Engagement Seminar
- 2 CSA N299 Workshops
- 6 Job fairs at First Nations Communities

Increase Supplier Readiness for Domestic and International Projects beyond Refurbishment / MCR

OCNI and CNS teamed to host a successful Nuclear Jobs Fair at UOIT on Saturday, October 21 at which more than 500 students from colleges and universities across Ontario met with 20 exhibiting suppliers to learn of opportunities in the nuclear industry.

With support of the Education and Skills Development Committee, OCNI applied for and received nearly \$500,000 from Ontario Government's "Skills Catalyst Fund" to encourage and support young people in pursuing careers in the skilled trades to meet the trades demand created by the \$25B Refurb/MCR Program. (see page 18)

OCNI has launched a First Nations, Métis, Inuit (FNMI) Engagement Program under the leadership of Mike Ruysseveldt of Promation who is a member of the Six Nations of the Grand River. The Program is intended to drive Indigenous participation into the supply chain through outreach to Indigenous communities and awareness building in the supplier network. OCNI met with dozens of young Indigenous people at Job Fairs across the province and hosted an FNMI Information Workshop for suppliers in April.

OCNI and CSA organized two N299 workshops in March and April to assist member companies in making the transition from the Z299 series of standards to the new N299 QA requirements for supply of items and services to nuclear power plants.

Finally, OCNI and COG are collaborating in developing training programs to assist suppliers in developing and internalizing Human Performance (HU) programs to meet industry "safety culture" standards.



UOIT/ Durham College Job Fair, February 2018.



Skills Ontario Competition, May 2018.



Quality Leadership and Management in the Nuclear Industry Conference, July 2018.

HIGHLIGHTS

OCNI SNAPSHOTS



OCNi First Nations, Métis and Inuit (FNMI) Engagement Workshop, April 2018.



CSA / OCNi N299 Overview and Transition Plan Information Session, April 2018.



STEP Program Information Session, at the Darlington Energy Complex, June 2018.



Brighton Johnston, Indigenous Summer Student at the Bruce County Office.



First Graduating Class from the STEP Program, September 2018:

January – September 2018

- Skills Catalyst Fund – STEP Program Contract Award
- FNMI Engagement
- CSA/OCNi N299 Transition Workshops
- Martyn Wash Memorial Scholarships at UOIT
- Indigenous Summer Student Program
- UOIT Career Kick Start

OCNi Future Readiness Supports

- Martyn Wash Memorial Scholarships (2)
- Yearly bursary program awarded to Engineering Students in four universities
- Yearly bursary program awarded to Skilled Trades Students in six colleges



2 Trade Missions Abroad

1 Incoming Trade Mission

1 MOU Signed by Canada and ITER

Develop International Opportunities for OCNi Companies

OCNi and CNA jointly participated in Canada's bi-annual "clean energy event" at Globe 2018 in March. The intent of OCNi and CNA participation was to communicate the nuclear energy value proposition to a broader audience of stakeholders and energy leaders from across Canada and the world.

In late March OCNi led a successful trade mission to Beijing for the China Nuclear International Exhibition including 15 OCNi companies, a nuclear university, and the CNSC.

OCNi's application for 2018/2019 GOA funding was approved for \$123,875 in co-funding. The funding also included co-funding to retain a consulting firm to prepare a comprehensive 2019-2021 International Business Development Strategy in collaboration with the CNA and COG.

OCNi participated in a Global Affairs Canada Clean Tech and AI Trade Mission to France in April where a Canada-ITER MOU (International Thermonuclear Experimental Reactor) was signed in Paris by International Trade Minister François-Philippe Champagne and ITER Director General Bernard Bigot. The next step is the negotiation on an ITER-Canada Nuclear Cooperation Agreement that must be in place before the transfer of tritium-related technologies to ITER can be approved. OCNi will lead a trade mission to France for the annual ITER Business Forum in March 2019.

OCNi supported the Ontario Booth a Ready-4-Nuclear event at the Idaho Nation Laboratories in May and participated on a Panel: "Building a Regional Supply Chain- Economic Impact, Processes, Resources". Several OCNi companies participated in this mission to identify opportunities for Canadian suppliers in the Western US.

To close the year, OCNi partnered with the US Nuclear Industry Council (USNIC) in organizing a USA-Canada Nuclear Leadership Summit in Toronto in late August. The CEO's of Bruce Power, OPG, CNL and CNSC spoke at this event. USA nuclear industry leaders described the US nuclear landscape with a focus on nuclear decommissioning and SMRs.

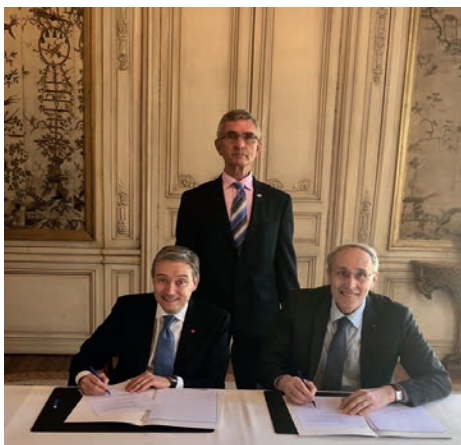


US-CANADA Nuclear Energy Leadership Summit, with Ron Oberth, President & CEO, OCNi, Jeff Lyash, President & CEO, OPG and Mike Rencheck, President & CEO, Bruce Power, August 2018.

OCNI SNAPSHOTS



OCNI in cooperation with IAEA organized an incoming trade mission of 23 nuclear organizations from around the world that visited various Canadian nuclear installations including the Darlington Energy Complex (shown here) and SNC-Lavalin's CANDU 6 Control room simulator, June 2018.



The Honourable François-Philippe Champagne, Minister of International Trade, and Ron Oberth, President of the Organization of Canadian Nuclear Industries and Bernard Bigot, Director General of International Thermonuclear Experimental Reactor (ITER) at signing of memorandum of understanding with ITER, April 2018.



Ready4Nuclear Western U.S & Canada Nuclear Suppliers Workshop, May 2018.



The Organization of Canadian Nuclear Industries (OCNI) led a trade mission to China to link Canadian nuclear suppliers with nuclear utilities and potential supply partners in the world's fastest growing nuclear market, March 2018.

HIGHLIGHTS

October – December 2017

- Toronto Global Forum
- French Delegation Visit

January – September 2018

- Globe 2018 Forum (Vancouver)
- China Trade Mission
- Canada - ITER MOU
- Ready4Nuclear Program (Idaho Falls, USA)
- IAEA Trade Mission
- US - Canada Nuclear Energy Leadership Summit
- PBNC Trade Mission



- 3** Provincial Government Engagements
- 2** Federal Government Engagements
- 3** Interventions at CNSC Licensing Hearings

Pro-active Government and Public Advocacy for Nuclear Power in coordination with the Ontario Nuclear Advocacy Committee including, Bruce Power, OPG, CNA, OCNi, Unions and major suppliers

OCNi's Local Supplier Engagement Program continues to be a key component of the Ontario Nuclear Advocacy (ONA) program. Supplier events were held at Black & McDonald in Courtice, Aerotek in Whitby, Curtiss Wright Nuclear Canada in Newmarket, Laveer Engineering in Burlington, ES Fox in Niagara Falls, Tetra Tech in Pickering and Stern Labs in Hamilton.

OCNi participated in a Generation Energy conference in Winnipeg hosted by the Minister of Natural Resources Canada, James Carr. The purpose of the Winnipeg Conference was to seek input from Canadians and various stakeholders on the kind of low carbon energy future they would like to see for Canada.

OCNi participated in the CNA Hill day to meet with Members of Parliament on Tuesday, October 24. OCNi Director of Operations, Marina Oeyangen, had an opportunity to meet with two MPs and discuss the benefits of nuclear and the importance of the supply chain.

OCNi engaged in high level discussions with CNA and COG in October through January to discuss stronger collaboration of the three organizations in Advocacy, Supplier Training/Engagement, and International/Federal Engagement.

OCNi made written and oral submissions to the CNSC at Public Hearings on the re-licensing of the Bruce Power, Pickering and Chalk River sites.

OCNi became a founding member of the Canadian Nuclear Isotopes Council (CNIC) chaired by James Scongack of Bruce Power. The CNIC will bring greater awareness to Canadians on the production of medical isotopes while advocating for policy that will enable Canada to continue to be a world-leader in this area.

OCNi participated in the development of the Canadian SMR Roadmap (released in November 2018) and proposed the adoption of "advanced manufacturing" technologies such as 3-D printing /advanced robotics/AI to reduce the capital and operational cost of factory built SMR's to ensure their price competitiveness with other generation options.

OCNI SNAPSHOTS



Celebrating Curtiss-Wright's contribution to the Darlington refurbishment and the Newmarket community, Dec 15, 2017. Group Photo: Stephen Werlick (CWNC), Ron Oberth (OCNI), Hon. Chris Ballard, Minister of Environment and Climate Change and MPP for Newmarket – Aurora, Ted Gruetzner (OPG) and Chris Mitchell (CNWC)

OCNI Special Achievement Award, February 9th to recognize Laveer's performance in support of OPG's Darlington Refurbishment Project.



Group photo: Darryl Spector, President of Treasury Eleanor McMahon, Ted Gruetzner, Peter Gowthorpe, Mayor Rick Goldring and Ron Oberth.



Canadian Nuclear Isotope Council (CNIC) kick-off meeting Chaired by James Scongack, Bruce Power.



CNA Conference, February 2018.

HIGHLIGHTS

October – December 2017

- Generation Energy Conference in Winnipeg
- Hill Day with WiN / CNA
- Local Supplier Engagement Events (Black & McDonald, AeroTek, Curtiss-Wright Nuclear)

January – September 2018

- CNA / OCNI/ COG Coordination
- Bruce License Extension
- Pickering License Extension
- Canadian Nuclear Isotope Council
- Local Supplier Engagement Events (Laveer, Tetra Tech, E.S. Fox, Stern Laboratories)

OCNI / IRSN Bruce County Office

- 1** Job Fair & Information Session
- 6** Networking events (Talk Tuesdays)
- 10+** Charity and Regional Economic Development Events

The OCNI/IRSN Bruce County office was officially opened on March 21st with Mike Rencheck, CEO & President, Mayors and Chief Greg Nadjiwon of the Chippewas of Nawash in attendance. OCNI shares the office with Bruce Power's Indigenous Relations Supplier Network (IRSN).

Throughout this year we have seen much growth in OCNI's presence in the local community both within the Nuclear Sector as well as within the education system (STEM/STEAM Initiative), the Indigenous community, the healthcare system, government and non-profit sectors. OCNI has been developing many opportunities for our members to find local presence and establish roots amongst Grey, Bruce and Huron counties.

OCNI participated in many community fundraisers including the Gran Fondo Bike Race, the Huron Shores Hospice, Habitat for Humanity home build at Nawash, Bluewater Outdoor Education Fundraiser, Pumpkinfest, Saugeen First Nation Women's Shelter, and the Saugeen First Nations Food Bank. OCNI brought our local suppliers together at our monthly "Talk Tuesdays" where discussions on nuclear topics, community engagement, partnership and localization are held.

In October, OCNI hosted a successful Job Fair and Information Session in partnership with Bruce Power and VPI. We had 40 exhibitors which included suppliers, colleges and unions and was attended by over 1,000 people from all demographics. The event was also promoted by local media.



Front of the OCNI /IRSN Port Elgin Office, 625 Goderich Street, Port Elgin N0H 2C0



Elder Vernon Roote, Saugeen First Nation, Number 29 and Ron Oberth, President & CEO, OCNI, Grand Opening of Bruce County Office.

HIGHLIGHTS

March – October 2018

- Grand Opening of OCNI/IRSN Office
- Skilled Trades Competition for Grey/ Bruce High Schools
- Handbags for Hospice Gala in support of the Tiverton Hospice
- Habitat for Humanity Build at Nawash
- National Indigenous People Day
- Nawash Charity Golf Tournament
- OCNI / Bruce Power Career Fair & Information Session
- Saugeen and Nawash Job Fairs



OCNI President Ron Oberth [second from right] and Chippewas of Nawash Unceded First Nation Chief Greg Nadjiwon [centre] cut the ribbon to open the OCNI office in Port Elgin, with Bruce Power President and CEO Mike Rencheck [far left] and Saugeen Shores Mayor Mike Smith [far right]



Saugeen Shores Chamber of commerce Business event hosted by OCNI/ IRSN Bruce County Office, June 2018.



Marina Oeyangen, Director of Operations, OCNI, Alison Fernandes, OCNI Bruce County/Bruce Power Liaison, Sarina Harrison, OCNI.



Saugeen District School Board in Port Elgin, Panel Presentation, March 2018.



Grand Fondo Lake Huron Charity Bike Ride, August 2018.



OCNI / Bruce Power Career Fair & Information Session, Oct 2018.



Skilled Trades Employment Pathway to the Clean Energy Sector (STEP)

- 6 Information Sessions at schools
- 2 Essential Skills Training Classes
- 23 STEP Program Graduates
- 1 STEM & Trades Outreach Engagement (Bruce County)

OCNI is proud to have received a grant of nearly \$500,000 from the Ontario Government's "Skills Catalyst Fund" in March to help address a pending shortage skilled trades when the \$25 B Darlington and Bruce Life Extension projects reach their peak demand for trades in 2022 to 2024.

The OCNI-led STEP program, supported by partners Interconnections Research International and Express HR, is connecting young and diverse career-seeking youth from various regions and Indigenous territories across the province with employers from OCNI's membership of 200 Ontario nuclear equipment suppliers and service providers.

"OCNI's project is exactly the type of partnership we need in Ontario's changing economy — one that brings workers, employers, educators and learners together," said Mitzie Hunter, Ontario Minister of Advanced Education and Skills Development in an April 18, 2018 news release.

By the program's mid-point, the STEP Team had made six school presentations to more than 2000 students and interviewed 50 students. Twenty-three students completed the three week "Essential Skills for Trades Training" course, including two days of CNS-led "nuclear fundamentals", 13 STEP graduates have successfully begun their pre-apprenticeship placements at nuclear and related suppliers. The STEP Team is also working with six educational/training institutions and 10 union halls to ensure that program participants have access to the broadest range of training and job opportunities.

OCNI signed an agreement with Bruce Power for the "STEM and Trades Outreach and Engagement" program for \$36,000.



The STEP project involves a classroom-based youth outreach program in Durham to enhance essential skill competencies required in the workplace. STEP program participants also receive two days of instruction on the fundamentals of nuclear technology prior to being matched to an employer.

HIGHLIGHTS

March – September
2018

STEP SNAPSHOTS



STEP Program Information Session,
at the Darlington Energy Complex,
June 2018.



Molly Coughlin, STEP Coordinator
interacting with Student at the
Clarington Job fair.



OCNI / STEP Program participating
in OPG Darlington Open House.



First Graduating Class, September
2018.



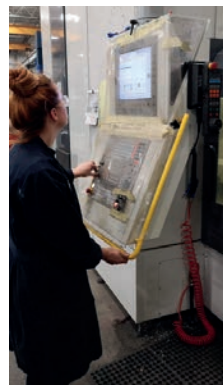
Ron Oberth, President & CEO, OCNI,
Molly Coughlin, STEP Coordinator
and Guest Speaker, Geoff McBride,
General Foreman Steamfitter
for Aecon, at the second STEP
Graduation.



Second Graduating Class, October
2018.



Matthew Berger and Megan Waters -
Millwright/Machinist pre-apprentices
at Superior Machining.



- OCNI receives Grant of \$500,000 from the Ontario Ministry of Advanced Education and Skills Development's (MAESD).
- 2000 high school students reached
- 75 high school students attended a STEP information session (June 11, 2018)
- Developed Nuclearcareers.ca website
- 13 STEP participants placed in pre-apprenticeship programs

Learn more about the STEP Program

For more information, please contact OCNI:

Brenda Akumu, STEP Coordinator
Step@ocni.ca
905-839-0073 or

Molly Coughlin, STEP Coordinator
expresshr@hotmail.com
416-700-6933 or

Nicole Andrews, STEP Coordinator
nicole@interconn.ca
905-449-6455

OCNI MEMBERS YEAR IN REVIEW

A Year of Recognition for OCNI Members

OCNI members are playing increasingly important roles in ensuring the safe and on-time/on-budget delivery of four Darlington Refurbishment Projects and six Bruce Major Component Replacement Projects over the next 15 years.

With support from Ontario Power Generation and the SNC-Lavalin/Aecon Joint Venture, OCNI organized a series of events at suppliers across Ontario to recognize successful Refurbishment Project deliveries as well as innovations, a technology license agreement, and partnerships with academic institutions.

Here are a few highlights of Supplier Successes from 2017- 2018:

Black & McDonald

October 18, 2017

Black & McDonald

Black & McDonald took up residence in Clarington just before the refurbishment project officially kicked off. Moving to its new location, a stone's throw from the Darlington Energy Complex, from Pickering made sense for Black & McDonald.



AeroTek

November 8, 2017

AeroTek, partnered with Triumph Gear Systems (Triumph) to support Ontario Power Generation's Darlington Refurbishment project was the launch pad toward the expansion of AeroTek's unique service offering beyond the aerospace industry.



Curtiss-Wright Nuclear

December 15, 2017

Curtiss-Wright Nuclear established a division in Newmarket, to better serve OPG Darlington Refurbishment.

CURTISS-
WRIGHT



framatome

Framatome pursues the industrial and technological adventure of the nuclear energy business

January 4, 2018

New NP, a subsidiary of AREVA NP, becomes Framatome

Ontario Power Generation (OPG)

November 9, 2018

OPG's nuclear stations achieve highest safety ratings

ONTARIOPOWER
GENERATION



Brookfield Business Partners to Acquire Westinghouse Electric Company



January 4, 2018

Brookfield Business Partners L.P., together with institutional partners, announced that it has entered into an agreement to acquire 100% of Westinghouse Electric Company.



Laveer Engineering

February 9, 2018

Laveer Engineering received a recognition award from OCNI for their role in Ontario Power Generation's Darlington Refurbishment project



Tetra Tech

March 2, 2018



Tetra Tech has been supporting OPG's Darlington Refurbishment project since 2013, providing Engineering and Project Management services. Tetra Tech's Power Division has experienced a doubling of staff levels since we began supporting the Darlington Refurbishment Project in 2013.

Bruce Power Awarded Certificate of Recognition

March 9, 2018



Bruce Power signed the Canadian Electricity Industry Leadership Accord on Gender Diversity, publicly committing to promote the values of diversity and inclusion within their organizations.



E.S. Fox Limited

April 20, 2018



E.s Fox Limited received a special achievement award for supporting the nuclear industry for over 30 years.

Stern Laboratories

May 5, 2018



Stern Laboratories Celebrates its 30th Anniversary of Performing Safety-related Experimental Services for the Nuclear Industry in Canada and around the world.



OCNI continued to grow over the year reaching 242 members at year end, its highest membership to date. Our members are mainly located in communities across Southern Ontario with increasing representation from across Canada.

Financial Health

OCNI continues to demonstrate sound financial management with a Net Income of \$103K while increasing Net Assets to \$1036K. Revenues were up over the previous year through increased membership revenues as well as increased funding from two government programs that support international trade missions and skilled trades training and placements. The government funding flows mostly through to program partners and to OCNI companies participating on trade missions or taking on partially subsidized STEP pre-apprentices. Operating Expense increased with the opening and staffing of OCNI's Port Elgin Office.

Corporate Citizenship

OCNI is proud to work with a variety of community agencies donating more than \$25,900 to support the important social services that they provide particularly in local communities with nuclear facilities and suppliers.

We also seek to inspire the next generation of nuclear workers through bursary programs at six colleges and endowments at one university. Younger students are encouraged by our investments in STEM programs, STEP outreach, and the Ontario Skills Competition.

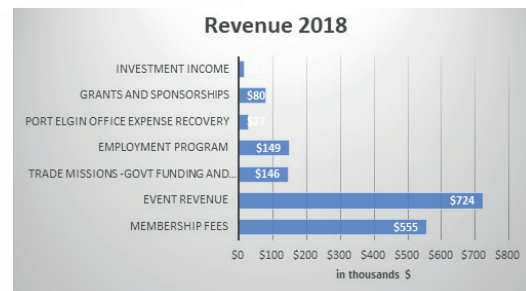


Remembering OCNI's First President Martyn Wash

OCNI has created two \$2500 Martyn Wash Memorial Scholarships to be awarded annually to two students (one of each gender) in the Faculty of Engineering Science and Nuclear Science (FESNS) at UOIT. The Scholarships honour the memory of Martyn Wash who was the first president of the Organization of CANDU Industries (now OCNI) and who passed away suddenly on April 15 at the age of 62 in Cobourg.



Revenue 2018



OCNI Financial Report for the Year Ending September 30, 2018

(In Thousands of Dollars Canadian)	2018	2017
Revenue		
Membership Fees	\$555	\$519
Event Revenue	\$724	\$740
Trade Missions - Govt. Funding and Participant Fees	\$146	\$94
Skilled Trades Program Funding	\$149	-
Port Elgin office expenses recovery	\$27	-
Grants and Sponsorships	\$80	\$55
Investment Income	\$15	\$18
	\$1,696	\$1,426
Direct Costs		
Event Costs	\$332	\$270
Trade Mission Costs	\$145	\$116
Skilled Trades Program- transfer to partners	\$149	-
	\$626	\$386
Expenditures		
Salaries and Benefits	\$446	\$451
Communications and Promotion	\$103	\$128
FNMI Engagement/ Market Studies (2017)	\$18	\$20
Accounting, Legal, Insurance	\$31	\$27
Conferences / industry events	\$12	\$9
Sponsorships and Donations	\$63	\$68
Scholarships	\$19	\$27
Travel	\$49	\$23
Office Rent and Supplies	\$94	\$70
Contract Services	\$24	\$7
Bank & Merchants Charges	\$20	\$28
Port Elgin office representative	\$50	-
Other Expense and Depreciation	\$39	\$24
	\$968	\$882
Net Income	\$103	\$158
Net Assets	\$1036	\$934

A - D

A & C Tool Inc.
 ABB Inc.
 Aberfoyle Metal Treathers Ltd.
 Abraflex
 Acier Inoxydable PinAcle/PinAcle Stainless Steel
 Acuren Nuclear Services Inc.
 Adecco Employment Services Limited
 ADH Technologies
 AECOM
 Aecon Nuclear
 Aerotek ULC
 Aggreko
 Ahlberg Cameras AB
 Alberici Constructors; Ltd.
 Alps Welding Ltd.
 Aluma Systems
 Amec Foster Wheeler
 ANRIC Enterprises Inc.
 Apollo Machine & Welding Ltd.
 APTIM Canada Services Corporation
 AREVA NP Canada Ltd.
 AeroTek Manufacturing
 Armour Valve Ltd.
 ASI Group Ltd.
 ASW Steel Inc.
 ATS Automation
 Avatara Software
 Avensys Solutions
 Aveva Inc.
 AZZ / NLI
 B.C. Instruments
 BCS Inc.
 Benchmark Maintenance Services Inc.
 BFC Technologies Inc.
 BGH Specialty Steel
 BHI Energy Canada; Inc.
 Bird Construction
 Bluedrop Learning Networks
 Bremar Construction Ltd.
 Brotech Precision CNC Inc.
 BSI Global Enterprises Inc.
 Bucephalus Inc.
 BWM Industrial Automation
 BWXT Canada
 Cahill Group
 Cambridge Materials Testing Limited
 Cameco Corporation
 Camfil Canada Inc.
 Canada Forgings Inc. (CanForge)
 Canada Metal North America Ltd.
 Canadian Nuclear Global Services Inc.
 Canadian Nuclear Laboratories (CNL)
 Canadian Nuclear Partners (CNP)
 Canadian Power Utility Services Limited
 Carpenter Technology Canada
 CB Automation Inc.
 CCI Thermal Technologies Inc.
 CCS Professional Services
 Cegertec/Cegerco sep
 Central Machine & Marine Inc.
 ChemStaff Inc.
 CIMS Limited Partnership
 City of Owen Sound
 Commissioning & Technical Services (N.A) Ltd.
 Composite Power Group Inc.
 Consolidated Power Supply
 Construction Demathieu & Bard (CDB) Inc.
 Control Valve Inc.
 Conuar FAE

Conval Equipment Ltd.
 Cooke & Denison Limited
 CTS Consulting
 County of Renfrew
 CRG Energy Projects Inc.
 Cummins Eastern Canada
 Curtiss-Wright Nuclear Canada
 Dalpro Technologies Inc.
 DataGlance Inc.
 DB2 Consulting
 Delta T Heat Exchangers Inc.
 Diakont
 Durham Instruments

E - M

E. S. Fox Ltd.
 Earle M. Jorgensen Canada
 EFI Concepts
 Elemental Controls
 Elliot Matsuura
 EnergySolutions Canada
 Energy Steel
 Eugen Seitz AG
 EZEFLOW Group
 Gamble Technologies Limited
 General Electric Canada
 Girotti Machine
 Gowling WLG
 Great Lakes Industrial Controls Inc.
 H.G. Hall Inter-Connect Inc.
 Hatch Ltd.
 Harbour Technologies
 Hayward Tyler Inc.
 Henry Controls Inc.
 Heritage Safety Products Ltd
 Hitachi Canada
 Hooper Welding Enterprises Limited
 Hoskin Scientific Limited
 Howard Marten Fluid Technologies, Inc.
 Howden North America
 Hydra Fab Fluid Power Inc.
 Hydro Inc.
 IMI NH/IMI Critical Engineering
 Industeel USA, LLC
 Infogrinder Inc.
 Innoveox Canada Inc.
 Integra Technologies LTD
 Intergraph Canada Ltd.
 Iris Power LP
 IronPride Consultants; Inc.
 Isowater Corporation
 IVD Workforce
 J. A. Plourde Performance Ltd.
 JNE Consulting
 KA Factor Group Inc.
 Kanata Electronic Services Ltd.
 Kinectrics Inc.
 KSB Pumps Inc.
 L3 MAPPS
 Laker Energy Products Ltd.
 Lakeside Process Controls
 Laveer Engineering Limited
 LEMO Canada
 LHM Technologies Inc.
 Liburdi Automation Incorporated
 Lorneville Mechanical Contractors Ltd.
 Macfab Manufacturing Inc.
 Marsh Instrumentation Ltd
 MarShield - a Div. of Mars Metal Co.
 Marilyn Clarke Legal Services
 Matrix North American Construction Ltd.

McCann Equipment Ltd.
 McMaster University: Nuclear Operations and Facilities
 MDA
 METTLER TOLEDO Process Analytics
 Mirion Canberra Company
 Mirion Technologies (IST Canada) Inc.
 Mitsubishi Electric Power Products, Inc.
 Mod-Tronic Instruments Limited
 Moltex Energy Canada Inc.
 MVT Performance
 MZConsulting Inc.

N-S

NA Engineering Associates Inc.
 NEFAB Inc.
 New Era Group
 Niagara Energy Products
 Niagara Fasteners Inc.
 Nordion Inc.
 North American Crating Inc.
 Novacro Machining Inc.
 NPO
 Nuclear Insurance Association of Canada
 Nuclear Promise X
 Nucleom Inc.
 Nu-Tech Precision Metals Inc.
 Nuvia Canada Inc.
 Olympus NDT
 Onecad Solutions Ltd.
 Opti-Tech Scientific Inc.
 Pall Canada Ltd.
 Paragon Energy Solutions
 Patriot Forge Co.
 PCL Industrial Construction Inc.
 PEI Genesis
 Perma-Fix Canada Inc.
 Plan Group Inc.
 PLC Fire Safety Solutions
 Practicing Perfection Canada Limited
 Promotion Nuclear Ltd.
 PTAG
 Quantum CNC Inc.
 Queen's University
 Quest Integrity
 R.P. Moleschi & Assoc.
 Radiation Safety Institute of Canada
 REEL COH Inc.
 Reptame Equipment Inc.
 Rev1 Power Services, Inc.
 Revtech Solutions Inc.
 Rider Levett Bucknall (Canada) Ltd.
 Ritepro Corporation
 RN Tooling Corporation
 Rolls-Royce Civil Nuclear Canada Ltd.
 Rotork Controls (Canada) Ltd.
 RPC Radiy
 RSB Logistic Inc.
 RSCC Wire & Cable LLC
 Sargent & Lundy Canada Company
 SarPoint Engineering Ltd.
 Sartrex Power Control Systems Inc.
 SCAC LOGISTICS
 Schneider Electric
 Schulz Electric Company
 SDT North America
 Seals Unlimited
 SGS Canada Inc.
 SHAWCOR - Connection Systems
 Sitco Precision Machining Co. Ltd.

SNC-Lavalin Nuclear
 Special Electronics & Designs Inc.
 SPX Flow
 Steelworks Design Inc.
 Stern Laboratories Inc.
 StonCor Group; RPM Canada
 Strategic Insights Inc.
 Strategic Policy Economics
 Strite Industries Ltd.
 Structural Integrity Associates, Inc.
 Stuart Hunt & Associates Ltd.
 Stuart Olson Industrial Constructors
 Sulzer Pumps (Canada) Inc.
 Sunny Corner Enterprises Inc.
 Swagelok Central Ontario
 Swagelok Southwestern Ontario
 Sylvan Automation Ltd.
 Sylvia Fedoruk Canadian Centre for Nuclear Innovation
 Systemware Innovation

T-Z

TAM International Inc.
 Team Industrial Services
 Technel Engineering
 Technical Standards & Safety Authority
 Terrestrial Energy Inc.
 Tetra Tech
 The Ian Martin Group
 The Regional Municipality of Durham
 The State Group Inc.
 Thorburn Flex Inc.
 Tioga Pipe
 Topax Protektive Packaging
 Toshiba Industrial Products Canada
 Toshont Power Products Inc.
 Town of Saugeen Shores
 TRC Limited
 Trican Well Service Ltd.
 TW Metals - Nuclear Materials Solutions
 Tyne Engineering Inc.
 UCC Industries International
 Ultra Ray Radiation Protection
 Unified Engineering
 UniTech Services Group
 University of Ontario Institute of Technology
 University of Toronto
 Velan
 Veolia Nuclear Solutions
 ViZaar Industrial Imaging - North America
 WAG QA Services Canada Inc.
 Weir Canada Inc.
 Weir-Jones Engineering
 Westech Industrial Ltd.
 Westinghouse Electric Canada Inc.
 Westlake Industries Inc.
 Wittenstein Inc.
 Worldwide Imaging and Detection Systems Inc.
 WorleyParsons Canada Limited
 York Search Group
 ZETEC



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