

PNGS Community Advisory Committee

May 17, 2022

Theresa Dekker, Vice President, Nuclear Decommissioning Program
Carla Carmichael, Vice President, Nuclear Decommissioning Strategy

ONTARIO **POWER**
GENERATION



Centre for
Canadian Nuclear
Sustainability

Welcome

Building tomorrow together.

What we do:

- We support OPG's mission to achieve a net-zero economy by developing innovative and sustainable plans for the end of the nuclear lifecycle.

How we do it:

- By bringing together industry, community partners, and homegrown talent to create innovative, long-term solutions.

Why we do it:

- To prove that nuclear energy can be an enduring benefit today and for generations to come, far into the future.

OUR PILLARS

Our foundational pillars guide the all of the work that we do.



Focus Areas



Partnership, Industry, and Innovation



CCNS Centre for Canadian Nuclear Sustainability

ENERGYSOLUTIONS CANADA

CCNS AMBASSADOR: ENERGYSOLUTIONS



CCNS Centre for Canadian Nuclear Sustainability

KINECTRICS

CCNS AMBASSADOR: KINECTRICS



CCNS Centre for Canadian Nuclear Sustainability

SNC-LAVALIN

CCNS AMBASSADOR: SNC-LAVALIN



Black&McDonald Capgemini PROMATION nuclear framatome FOX NUCLEAR SERVICES ATJ NAC INTERNATIONAL

Canadian Nuclear Laboratories Laboratoires Nucléaires Canadiens

NuP X Laurentis Energy Partners nuvia Alithya HATCH Worley ECLIPSE AUTOMATION

Canvish nuclear Westinghouse AECOM FLUOR BWXT GALIAN CCN AECOM

CCNS INDUSTRY CATALYSTS



WiN CANADA McMaster University OntarioTech UNIVERSITY DURHAM COLLEGE SUCCESS MATTERS UNIVERSITY OF WATERLOO

BRIGHTER WORLD

Clarington Board of Trade and Office of Economic Development City of PICKERING Town of Ajax By the Lake AJAX-PICKERING Board of Trade

DURHAM REGION ORGANIZATION OF CANADIAN NUCLEAR INDUSTRIES CCNI Clean Energy for a Low Carbon Economy CANDU Owners Group Inc. COG "Excellence Through Collaboration" SkillsCompétences Canada Ontario NAYGN UNENE University Network of Excellence in Nuclear Engineering

CCNS COMMUNITY PARTNERS



Collaboration

We are collaborating with our partners for decommissioning planning.

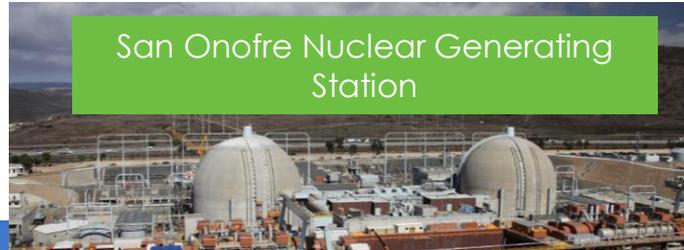
- Studying decommissioning workforce demands to identify future skillsets and addressing any gaps.
- Learning from two units already in safe storage at PNGS .
- Exploring international and educational decommissioning opportunities.



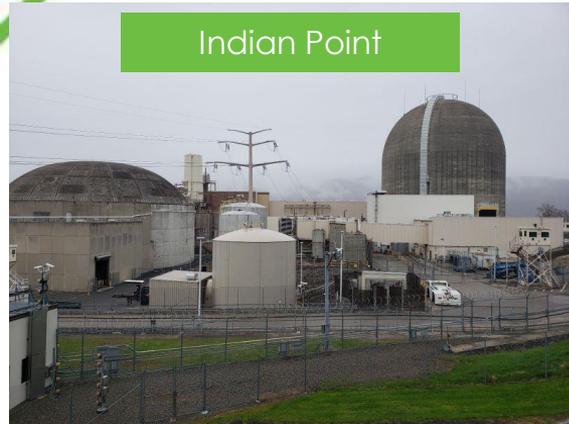


Benchmarking/OPEX

San Onofre Nuclear Generating Station



Indian Point



Diablo Canyon Power Plant



We're working with our partners and other organization to gain insight on operational experience and valuable lessons learned.

Oyster Creek





Innovation

- We're bringing the same excellence and spirit of innovation to decommissioning nuclear stations that we brought to building and operating them.
- New innovations will help to
 - ✓ reduce timelines and costs for the decommissioning project,
 - ✓ enhance employee safety,
 - ✓ reduce radiation exposure and waste; and
 - ✓ ensure the safety of the community and environment.
- Innovation study updates





Community

Building strong and safe communities

- Open and transparent communications
- We're collaborating with our host communities and Indigenous communities.
- Sponsorship of youth and STEM based initiatives



Discussion – Q&A



Thank You

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