



Oral Presentation

Submission from the Provincial Building and Construction Trades of Ontario

In the Matter of

**Bruce Power Inc. – Bruce A and B
Nuclear Generating Station**

Request for a ten-year renewal of its Nuclear
Power Reactor Operating Licence for the
Bruce A and B Nuclear Generating Station

Commission Public Hearing – Part 2

May 28-31, 2018

Exposé oral

Mémoire du Provincial Building and Construction Trades of Ontario

À l'égard de

**Bruce Power Inc. - Centrale nucléaire de
Bruce A et Bruce B**

Demande de renouvellement, pour une période
de dix ans, de son permis d'exploitation d'un
réacteur nucléaire de puissance à la centrale
nucléaire de Bruce A et Bruce B

**Audience publique de la Commission –
Partie 2**

28-31 mai 2018



Written Submission to the Canadian Nuclear Safety Commission regarding Bruce Power Licence Renewal Application

By Patrick J. Dillon – Business Manager

May 2018

Provincial Building & Construction Trades Council of Ontario
75 International Boulevard – suite 401
Etobicoke, ON – M9W 6L9
Tel: (416) 679-8887
Fax: (416) 679-8882
E-mail: info@ontariobuildingtrades.com

Introduction

- ▶ Thank you for the opportunity to address you and offer our perspective
- ▶ We believe in ongoing dialogue between the applicant, contractors, workers, regulators, and the community
- ▶ We want to work towards helping to SAFELY deliver clean, reliable, low-cost nuclear power to Ontario

Who we are

- ▶ The PBCTCO is an umbrella organization representing 150,000 construction workers across the following trades:
 - ▶ –Boilermakers
 - ▶ –Bricklayers
 - ▶ –Electricians
 - ▶ –Elevator Constructors
 - ▶ –Insulators
 - ▶ –Ironworkers
 - ▶ –Labourers
 - Millwrights
 - Painters /Glaziers
 - Plasterers/Cement Masons
 - Plumbers/Pipe Fitters
 - Sheet Metal Workers/Roofers
 - Teamsters

Collective Bargaining Model

- ▶ Our affiliates bargain in good faith, with their employer counterparts to secure collective agreements (or project labour agreements)
- ▶ Construction bargaining at Bruce Power is conducted with the **Electrical Power Systems Construction Association (EPSCA)** which is one of seven construction bargaining sectors, as per the *Ontario Labour Relations Act*

Anticipated Labour Market

- ▶ BuildForce Canada predicts that Ontario will lose 87,000 construction workers to retirement over the next decade
- ▶ It will lose 22% of its residential workforce (23,850 workers) and 22% of its non-residential workforce (15,700 workers) by 2027

Labour Market Opportunities

- ▶ When we factor-in the great employment opportunities that Bruce Power's nuclear refurbishments will offer, we are confident that we can introduce new career opportunities with a view to DIVERSIFYING the workforce
- ▶ Part of the effort is to recognize that there is a need to expand career opportunities to traditionally under-represented groups

Labour Market Opportunities

- ▶ The Building Trades unions will work with Bruce Power, the contractors, and the local municipalities, to ensure inclusivity of career opportunities for local youth

Apprenticeship Model

- ▶ Our business model is based on an “earn while you learn” philosophy that provides training and mentorship for Registered Apprentices
- ▶ We are committed to the notion that the labour market should reflect the face of the community where projects are performed

Apprenticeship Model & Diversity

- ▶ Building Trades locals throughout Ontario have outreach programs helping various demographic groups access careers in the construction trades:
 - **IBEW Work-Ready Aboriginal Program (WRAP)**
 - **Build TogetHER** – women in the Building Trades
 - **HammerHeads** – helps at-risk youth in GTA
 - **Helmets to Hardhats Canada** – helps returning veterans and reservists
 - **Carpenters' CHOICE Program** – focuses on youth

Emphasis on Safety

- ▶ Our NUMBER ONE priority is to ensure the health and safety of workers
- ▶ Bruce Power has been a proactive safety partner
- ▶ Safety is best-achieved through training, and a clear structure for reporting unsafe practices without fear of reprisals and without intimidation

Safety Compliance

- ▶ The mere absence of safety infractions or incidents does not mean that a workplace is safe
- ▶ Following safety practices and protocols thoroughly and consistently, is what creates a safe work environment
- ▶ Worker participation on Joint Health and Safety Committees (JHSCs) is a key instrument

Radiation Protection

- ▶ Bruce Power has taken on a Proactive Safety approach towards Radiation Protection
- ▶ The 2009 Alpha Radiation incident led to changes in protocols and equipment use
- ▶ These changes give us confidence as we move forward with the Major Component Replacement schedules on remaining units

Radiation Protection (cont'd)

- ▶ We received reassurances from Bruce Power that “anyone can raise a safety related concern at any time and stop work until the work area is determined to be safe.”
- ▶ Added Personal Protective Equipment:
 - Canberra iCam air particulate monitors
 - Large volume air samplers
 - Personal air samplers
 - Zinc-sulfide alpha friskers
 - Alpha-beta sensitive whole-body contamination monitors

Collaboration Agreement

- ▶ on September 9, 2015 our Council and Bargaining Agents signed a Collaboration Agreement with Bruce Power, outlining shared goals and how to work towards their realization
- ▶ A major goal is to “increase the diversity within trades with a particular focus on Aboriginals, women, visible minorities, military service members, youth, including youth at risk, and the underemployed ...”

Refurbishments – Economic Impact

- ▶ The projected labour income from the Refurbishment projects is expected to be \$980 million – \$1.2 billion (including, but not limited to construction labour)

Refurbishments – Economic Impact

- ▶ Total investments will create and sustain over 22,000 direct and indirect jobs annually
- ▶ \$751 million to \$1.07 billion in annual economic benefit through equipment, supplies, and materials both directly and indirectly

Environmental Benefits

- ▶ Investments in nuclear refurbishments are contributing towards reducing our carbon footprint, helping drive action on climate change while improving air quality and health
- ▶ The provincial government's phasing-out of coal, coupled with nuclear refurbishments has:
 - Helped avoid 25,000 emergency room visits
 - Helped prevent 20,000 hospital admissions
 - Helped prevent 8.1 million minor illness cases
 - Helped take away 30 Megatonnes of annual Greenhouse Gas Emissions (equivalent of taking 7 million cars off the roads)

Conclusion

- ▶ The Provincial Building and Construction Trades Council of Ontario supports Bruce Power's application for a renewal of its Nuclear Power Reactor Operating Licence for the Bruce Nuclear Generating Stations A and B
- ▶ The total impact on community benefits, the environment, training, and meaningful careers for those seeking to enter the construction trades will be great
- ▶ Thank you for the opportunity to present – Questions/Comments?

Collaboration Agreement

Between

Bruce Power

and

Provincial Building & Construction Trades Council of Ontario

and

The Undersigned Bruce Site Building Trade Unions

Effective Date: September 9, 2015

BACKGROUND

- I. Bruce Power operates the world's largest operating nuclear generating facility and is the source of roughly 30 per cent of the electricity for the Province of Ontario in Canada. The company's site is in Tiverton, Ontario and is Canada's only private sector nuclear operator. Formed in 2001, Bruce Power is an all-Canadian partnership among Borealis Infrastructure Management (a division of the Ontario Municipal Employees Retirement System), TransCanada, the Power Workers' Union and the Society of Energy Professionals. Bruce Power operates eight CANDU nuclear units under long-term lease from the Province of Ontario. Approximately 60% of Ontario's electricity is provided by nuclear power generation.
- II. The Bruce Site is home to the undersigned building trades including Boilermakers, Carpenters, Electricians, Insulators, Ironworkers and Rodmen, Labourers, Millwrights, Operating Engineers, Painters, Pipefitters/Plumbers, Sheetmetal and Roofers and Teamsters. Over the last 14 years, Bruce Power developed a strong working relationship through collective agreements with the Unions representing these trades, with millions of hours of trades work carried-out on the Bruce Site through the company's investment program.
- III. Moving forward, to maintain 8-Units of operation over the long-term, as outlined in the Ontario Long Term Energy Plan (LTEP), Bruce Power, the Provincial Building & Construction Trades Council of Ontario and the undersigned building trades unions will be working together to successfully carry-out millions of person hours of trades work over the next 20-years enabled through Bruce Power's investment program.
- IV. Given the size of the work program ahead for the Bruce Power Site to maintain its 8-Unit role, combined with a shared desire to successfully and safely execute the work programs on site, while tackling a number of shared strategic priorities, Bruce Power, the Provincial Building & Construction Trades Council of Ontario and the undersigned Site Building Trades are establishing a broader framework through this Collaboration Agreement to advance a number of areas of shared interest.

- V. Labour Relations arrangements related to work on the Bruce Power Site will continue to be advanced through the collective agreements with the undersigned Bruce Site Building Trades Unions, existing forums and this Collaboration Agreement is not intended to change these well-established avenues.

PURPOSE

The purpose of this Collaboration Agreement is to establish an offsite non-labour relations, strategic oversight forum where all of the building trades can be represented and meet on a regular basis to discuss a range of areas of common interest and jointly develop strategies to successfully execute the work program on the Bruce Power Site safely and successfully, while also tackling areas of shared strategic importance.

In addition, this arrangement will build on existing activities carried-out by Bruce Power and the Building Trades Unions to advocate for the role of nuclear power in Ontario and how this can serve as a foundation to build a highly trained workforce and in a dynamic economic environment, which is important to communities across Ontario and around the Bruce Power Site in particular.

SHARED GOALS

Bruce Power, the Provincial Building & Construction Trades Council and the undersigned Building Trade Unions have a number of shared goals that can be achieved together as the site continues to play an important role in meeting Ontario's energy needs including:

1. Create a safe workplace through the shared value of "Safety First".
2. Ensure the necessary availability of skilled trades in the short, medium and long-term.
3. Work together collaboratively to ensure the successful execution of projects on the site.
4. Increase the diversity within the trades with a particular focus on aboriginals, women, visible minorities, military service members, youth, including youth at risk, and the underemployed and to create opportunities for them to find careers within the skilled trades.
5. Ensure nuclear power continues to play an important role as part of a reliable, clean, affordable and balanced supply mix in the Province.

AREAS OF COLLABORATION

In order to achieve these shared goals, the parties endeavour focus on the following collaboration areas:

- a) Develop short and long-term projections and plans to meet the trade needs for the Bruce Power Site, consistent with the company's investment program. This investment program currently includes ongoing investment to support the current operation and potentially \$Billions of new investment into

a life extension investment program including a combination of major component replacement and asset management activities.

- b) Develop and implement short, medium and long-term strategies related to skills development and retention in key trade areas.
- c) Jointly develop strategies to increase diversity within the trades with special consideration for the individuals referred to in para. 4 of the above Shared Goals.
- d) Provide apprenticeship opportunities for individuals entering the skilled trades workforce, including special consideration for the individuals referred to in para. 4 of the above Shared Goals.
- e) Advocate for the continued role of the Bruce Power Site as part of Ontario's Long Term Energy Plan (LTEP) in the public and with key stakeholders.

ENGAGEMENT & STRUCTURE

Bruce Power, the Provincial Building & Construction Trades Council of Ontario and the undersigned Bruce Site Building Trade Unions will form a Joint Steering Group that will include a representative from each of the trade unions, the Bruce Power Executive Team and the Provincial Building & Construction Trades Council of Ontario, who will meet at a minimum of once per year to advance these objectives. Working groups can be set up as different aspects of the work progresses to advance key areas of focus or interest.

CHANNEL OF COMMUNICATION AND NOTICES

For the purpose of facilitating the implementation of this Collaboration Agreement, the single points of contact are:

Bruce Power:

James Scongack
Vice-President, Corporate Affairs
Bruce Power

Provincial Building & Construction Trades Council of Ontario:

Patrick Dillon
Business Manager
Provincial Building and Construction Trades Council of Ontario

[See Next Page]

The parties have, by their duly authorized representatives, executed this Collaboration Agreement on the Effective Date.

Signed by:



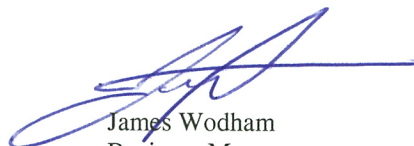
Duncan Hawthorne
President & CEO
Bruce Power



Patrick Dillon
Business Manager
Provincial Building and Construction
Trades Council of Ontario




Larry Richard
EPSCA Business Representative
International Union of Operating Engineers
Local 793



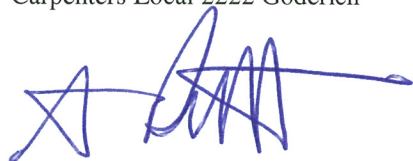
James Wodham
Business Manager
Millwright Regional Council of Ontario



Bryan Casmore
Local Union Co-ordinator
Carpenters Local 2222 Goderich



John Petronski
Business Manager/Secretary Treasurer
International Brotherhood of Boilermakers
Local 128



Steven Pratt
President
Local 736 of the International Association of
Bridge, Structural, Ornamental and Reinforcing
Ironworkers



Mark Watson
Business Manager
IBEW Local 804



Ken Hall
Vice President and Business Agent
Teamsters Local 230



Dave Gardner
Business Manager/Financial Secretary
Heat & Frost Insulators Local 95



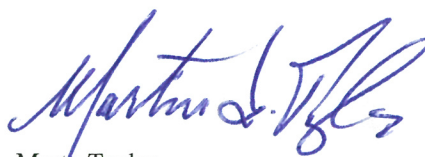
Kevin Elliott
Business Representative
IUPAT DC46 L1494/1590



Kerry Wilson
President
Brick and Allied Craft Union of Canada
(BACU)



Mark Hall
Business Manager/Financial Secretary-
Treasurer
Local 473 Sheet Metal and Roofers Union



Marty Taylor
Recording Secretary
Construction Business Representative,
Teamsters Local Union No. 879



Russ Jessop
Business Manager
UA Local 527 Southwestern Ontario



Tom MacLean
Canadian Union of Skilled Workers



Gary Kitchen
IBT/Teamsters Canada