DURHAM NUCLEAR HEALTH COMMITTEE (DNHC) MINUTES

Location

Durham Regional Headquarters 605 Rossland Road East, Whitby Council Chambers

Date

January 17, 2020

Time

1:00 PM

Members

Dr. Robert Kyle, DRHD (Chair)

Ms. Mary-Anne Pietrusiak, DRHD

Ms. Lisa Fortuna, DRHD

Dr. Tony Waker, Ontario Tech University (OTU)

Mr. Raphael McCalla, Ontario Power Generation (OPG)

Mr. Loc Nguyen, OPG

Mr. Hardev Bains, Public Member

Ms. Veena Lalman, Public Member

Ms. Jane Snyder, Public Member

Dr. Barry Neil, Public Member

Dr. John Hicks, Public Member

Dr. Lubna Nazneen. Alternate Public Member

Mr. Alan Shaddick. Alternate Public Member

Presenters/Observers

Mr. Brian Devitt (Secretary)

Mr. James Kilgour, Durham Emergency Management (DEM) (Presenter)

Ms. Kathleen Rose, DEM (Presenter)

Mr. Stan Whatmough, OPG, (Presenter)

Ms. Jennifer Knox, OPG (Presenter)

Ms. Rebecca Kelly, OPG

Ms. Sendi Struna, DRHD (Presenter)

Ms. Pamela Khan, DRHD (Presenter)

Ms. Theresa McClenaghan, Canadian Environmental Law Association (CELA)

Dr. Kirk Atkinson, OTU

Ms. Amy Burke, Municipality of Clarington

Ms. Christine Drimmie, Office of the Regional Chair and CAO

Ms. Amy Burke, Municipality of Clarington

Ms. Jennifer Finlayson, Region of Durham

Ms. Wendy Ellis, Region of Durham

Mr. Karl Nitsch, Resident of Scugog

Ms. Lynn Jacklin, Durham Nuclear Awareness (DNA)

Ms. Janet McNeill, DNA

Ms. Gail Cockburn, DNA

Ms. Linda Gasser, Whitby Resident

Dr. Robert Dixon, Ajax Resident

Ms. Lydia Skirko, Whitby Resident

Mr. Frank Dempsey, Pickering Resident

Mr. Tasha Kang, Clarington Resident

Mr. A.J. Kehoe, Durham Region Resident

Regrets

Ms. Susan Ebata, Public Member

Ms. Janice Dusek, Public Member

Ms. Deborah Kryhul, Public Member

Dr. David Gorman, Public Member

Robert Kyle opened the meeting and welcomed everyone.

1. Approval of Agenda

The Revised Agenda was adopted.

2. Approval of Minutes

The Minutes of November 22, 2019 were adopted as written.

3. Correspondence

- **3.1** Robert Kyle's office received the Minutes of the Pickering Nuclear Generating Station (NGS) Community Advisory Council meeting held on October 15, 2019.
- **3.2** Robert Kyle's office received an announcement from the Nuclear Waste Management Organization (NWMO) that its site selection process has narrowed the focus to two potential communities for NWMO's deep geological repository project for the long-term management of Canada's used nuclear fuel dated November 26, 2019.
- **3.3** Robert Kyle's office received a Bulletin from the Port Hope Area Initiative Management Office concerning the remediation progress being made at the Port Granby Project dated December 12, 2019.
- **3.4** Robert Kyle received a reply from Dr. Alex Viktorov, Director, Pickering Nuclear Regulatory Division, Canadian Nuclear Safety Commission (CNSC), concerning several technical nuclear emergency preparedness issues mentioned in a letter from Dr. Sunil Nijhawan that was directed to Dr. Robert

Kyle, Chair of the DNHC, dated November 19, 2019. Dr. Viktorov provided Dr. Kyle with a very detailed Commission Member Document (CMD) that summarized many questions raised by Dr. Nijhawan over the past several years and the CMD included detailed responses by several experts in the nuclear industry, as well as outlining the CNSC staff position to his questions. The conclusion was that the CNSC will continue to respond directly with Dr. Nijhawan related to his questions rather through the DNHC. Dr. Viktorov's response to Dr. Kyle was dated December 17, 2019.

3.5 Robert Kyle's office received an announcement from Shawn-Patrick Stensil that he has accepted a new role and position as Program Director at Greenpeace Canada dated December 18, 2019.

4. Presentations

4.1 Progress report by the Office of the Fire Marshal and Emergency Management (OFMEM) concerning its Nuclear Preparedness Highlights in 2019 and Significant Plans for 2020

Staff from OFMEM could not attend the DNHC meeting today so they prepared a written report to be presented at the meeting.

James Kilgour, Director, DEM, offered to help OFMEM by presenting and explaining the information update in the report and answer questions.

James read the OFMEM report and the highlights were:

- Provincial Nuclear Emergency Response Plan (PNERP)
 - Pickering and Darlington Implementation Plans (IPs) approval 2019

Following the December 2017 approval of the PNERP Master Plan, PNERP IPs work was prioritized, with the development of the Bruce, Pickering and Darlington Plans revisions being completed first.

These plans all received approvals from the government in the 2018-2019 timeframe and have been distributed to stakeholders and made publicly available on the OFMEM website.

OFMEM is currently working on the development of the PNERP IPs for the Femi 2 NGS Transborder Emergencies and Other Radiological Emergencies.

Technical Study Report

The PNERP Technical Study was commissioned following the PNERP public consultation and the independent advisory committee review which found the planning basis of the 2017

PNERP was generally sound but recommended to the Solicitor General that another study be conducted giving consideration to at least 365 days of weather and to topographical characteristics that could influence plume dispersal.

Among other things, an emergency plan's planning basis determines the size of the emergency zones.

Work was undertaken by ENERCON Consultants and a final report was issued in the spring of 2019.

The study remains under review by the government.

• Exercise Participation

Exercise Huron Resolve (Bruce Power)

On October 22 and 23, 2019, OFMEM participated in Exercise Huron Resilience, focusing on a simulated emergency at Bruce Power. The provincial participation was focused on Provincial Emergency Operations Centre (PEOC) notification and dose modeling.

Darlington Unified Command 2020 (OPG)

The OFMEM is currently considering its level of participation in OPG's upcoming 2020 Darlington Exercise. A decision is expected in the coming months and will be communicated to partners including OPG and DEM.

 The PEOC participated in numerous notification drills with OPG and Bruce Power over the course of 2019 and will continue in 2020.

CNSC-led KI Working Group

 This Working Group was formed by the CNSC following the CNSC licensing hearing for the Pickering NGS in June 2018.

Membership

Core members include representatives from:

- o CNSC
- OFMEM
- Ontario Ministry of Health
- o OPG

Each of these core organizations are signatory to the Terms of Reference

Public Health Units include representatives from:

- Peel Region
- York Region
- o City of Toronto
- Durham Region
- Simcoe Muskoka District
- o Haliburton, Kawartha Pine Ridge District
- Peterborough

Emergency Management Coordinators from:

- Region of Durham
- o Region of Peel
- Region of York
- City of Toronto
- City of Kawartha Lakes
- o City of Peterborough

Health Canada

- Additionally, CNSC staff established a special advisory committee for the purpose of advising CNSC staff. The composition of the committee was determined by the CNSC.
- The Working Group was tasked with examining the distribution of potassium iodide (KI) pills to the 50km Ingestion Planning Zone (IPZ) around the Pickering NGS during an emergency.

o The 2019 tasks of the Working Group were:

Developing the Working Group's Terms of Reference in preparation to lead the Phase 1 Workshop held in Pickering in November 2019 that focussed on:

- Current provincial and federal requirements for the distribution of KI pills.
- Considerations and education concerning KI pill emergency distribution in the IPZ.
- Means of KI pill distribution in relation to other factors associated with a nuclear emergency response.
- Availability and scope of public emergency preparedness information related to KI pills.

The 2020 Phase 2 Workshop strategy will focus on:

- Assessing the feasibility of pre-distribution of KI pills to all schools within the IPZ.
- Establishing clear and detailed plans for the distribution of KI pills throughout the IPZ.

Environmental Radiation and Assurance Monitoring Group (ERAMG)

- The ERAMG went through a major revision and update to the Plan in 2019. The ERAMG is in the approval stage.
- The ERAMG members participated in a combined two-day meeting and workshop on December 4 and 5, 2019.

Public Education and Awareness

- OFMEM participated in the September 4 and 10 Invocation Sessions with DEM in Whitby. The sessions were used to draft the public education action plan, and key messaging for the Pickering /Darlington Sub-Committee that will be used to target essential audiences.
- The Draft Provincial Public Education and Communications Strategy is being developed by OFMEM.

Public Alerting (Alert Ready)

- Revised, pre-scripted Emergency Bulletins used to advise the affected public in the event of a nuclear emergency were reviewed by stakeholders.
- These Bulletins are now compatible for use in Ontario's 'Alert Ready' program which:
- Allows the PEOC to issue Broadcast Immediate alerts to the public.
- Alerts are issued when there is an immediate threat to life or property and provides the public with protective actions to take.
- Alerts are sent to radio, television and alert capable LTE devices in geo-targeted alert areas.
- Bulletins are sequenced to address the evolving nature of a nuclear incident and are issued in alignment with prescribed action from providing a-heads-up to taking specific actions, when necessary.
- The PEOC would also send the alert to existing subscription list via email, text messages as well as to social media feeds such as Twitter and Facebook

OFMEM Organization Update

 In November 2019, Douglas Browne was appointed Acting Chief, Emergency Management. Chief Browne joined OFMEM from his previous duties as Deputy Fire Chief of Ontario and will lead the organization until the recruitment of the permanent Chief has been completed.

- In October 2019, it was announced that Ray Lazarus was the successful candidate for the Director, Emergency Management competition. Ray previously served as the Acting Deputy Chief, Planning and Program Development and he brings a wealth of experience to the new position.
- Competitions are underway to permanently recruit for a new Deputy Chief of Planning and Development and three Program Managers including the Program Manager, Planning and Exercises who oversees OFMEM.s nuclear portfolio.

James Kilgour answered many questions on behalf of OFMEM. Theresa McClenaghan, Executive Director, CELA, raised an issue that James was unable to answer and OFMEM staff will need to consider.

Robert Kyle requested Theresa email James Kilgour and Brian Devitt, Secretary to the DNHC, the question and they would follow-up with OFMEM and keep the DNHC updated.

On January 22, 2020, Theresa emailed James and Brian the CELA request for OFMEM to please advise when the PNERP Technical Study will be released to the public. In addition, how OFMEM plans to release the Technical Study to the City of Toronto Executive Committee, Regional Council and the local municipalities.

Theresa also requested DEM consider creating a close to real time website where Durham Region could post updates of relevant information in case of an emergency alert for the public to access.

OFMEM will update the DNHC next year concerning nuclear emergency management in Ontario. More information is available at https://www.emergencymanagementontario.ca/english/beprepared/ontariohaz ards/nuclear/nuclear.html.

4.2 Progress Report by the DEM concerning Nuclear Emergency Preparedness Activities in 2019 and Plans for 2020

James Kilgour, Director, DEM, and Kathleen Rose, Communications Coordinator, provided a progress report concerning its nuclear emergency preparedness activities in 2019 and plans for 2020.

James provided a brief summary of the January 12th 'false alert' that was issued in error by the Province of Ontario during a routine training exercise being conducted by the PEOC mentioning an incident at the Pickering NGS. The Solicitor General has confirmed that there was no intention to notify the

public during the routine training exercise and that a full investigation will be conducted.

James listed the key issues he would mention is his detailed presentation today and they were:

- Program Priorities
- Office Structure
- Emergency Plans
- Notification Process
- Duty Officer
- Evacuation
- Training and Exercises
- EPREV Mission and Results

James provided some basic information about DEM that included:

- DEM is responsible for effective mitigation, preparedness, response and recovery of any major emergency in Durham Region.
- Nuclear emergency planning is a part of DEM's overall emergency preparedness responsibilities.
- DEM's program priorities include developing plans, training staff, conducting exercises, overseeing evacuations, providing emergency support functions, testing public alerting systems and providing public education.
- The Region of Durham Emergency Plan includes Emergency Support Functions and Risk Specific Plans including the Durham Nuclear Emergency Response Plan (DNERP).
- Local municipalities in Durham Region have their own nuclear emergency plans but they are coordinated and conform to the DNERP and ultimately the PNERP.
- DEM's Standard Operating Procedures outlines the function and responsibilities of Duty Officers who are on-call 24/7. Their duties include:
 - Being the contact point for notification of large emergencies
 - Being the contact point for notification of nuclear incidents reported by OPG and the PEOC
 - Being the contact point to request activation of the Regional Emergency Operation Centre (REOC) outside business hours
 - Notifying key stakeholders of an emergency, requesting resources etc.

James listed DEM's major activities in 2019 that were:

- Completed the re-development of the REOC including:
 - Standard Operation Procedures for Regional Government, Regional Agencies and External Agencies
 - Response Specific Instructions for Classification of Emergencies describing Regional Response Levels and DEM Action to be Taken

- Checklists for several sections including Management, Operations, Planning, Logistics and Finance and Administration
- Developed 'Share Point' that is a collaborative cloud-based collaboration that enables DEM to share program resources among Regional Departments and municipalities for training, exercises, public education and emergency plans.
- Emergency training and emergency exercises were conducted throughout the year including 7 drills/exercises. In 2020, DEM has planned for 14 days of training and 5 drills.
- Participated in the International Atomic Energy Association (IAEA)
 Emergency Preparedness Review (EPREV) focused on off-site preparedness on June 3-19, 2019. It was a major exercise involving Health Canada, OFMEM, OPG and the Region of Durham/DEM to enhance preparedness and response for nuclear or radiological emergencies. The final report will be released in February 2020.
- Conducted an autodialing system for approximately 100,000 landline telephone numbers on November 25, 2019 within 10km of Pickering and Darlington NGSs.
- Tested the outdoor sirens for the Regional Public Alerting Systems on November 26, 2019 located within 3km of Pickering and Darlington NGSs.
- The Province of Ontario tested radio, TV and cell phone alerts separately on November 27, 2019.

Kathleen reviewed DEM's media campaign tactics, goals and results and the highlights were:

- DEM's communication campaign objectives were to achieve awareness of the nuclear public alerting system test and how people who work or live within 10km of the Pickering and Darlington NGSs would be alerted of a nuclear emergency.
- DEM maintained and improved campaign tactics to reach its audience through a variety of channels including print, radio, TV, social media, online and out of home.
- DEM measured the overall success through impressions, a proxy measure for awareness.
- The fall of 2019 campaign had a 173% increase in impressions over the spring of 2018 baseline campaign, and a 52% increase over the previous campaign.

James mentioned several major DEM activities planned for 2020 that will:

- Increase staff and funding for DEM over the next several years to fulfill its growing responsibilities.
- Review the evacuation strategy for both the road network and displacement issues that go beyond the current nuclear planning assumptions for evacuations around Pickering and Darlington NGSs.
- Maintain and improve staff training and conducting drills/exercises.

 Improve media campaigns by looking for opportunities to improve advertising templates, sharing photography and video b-roll with media outlets that better illustrate the intended message.

In summary, James encouraged DNHC participants to contact the DEM office to discuss any issue related to nuclear emergency preparedness and he or his staff would be pleased to provide further information and assistance.

James Kilgour or his associates will update the DNHC on the progress of nuclear emergency preparedness plans and activities in Durham Region next year. More information is available at the DEM website at durham.ca/dem.

4.3 Progress Report by OPG concerning its Nuclear Emergency Preparedness Activities in 2019 and Plans for 2020

Stan Whatmough, Acting Senior Manager, Emergency Preparedness Department (EPD), provided a progress report on OPG's nuclear emergency preparedness at the Pickering and Darlington NGSs.

Stan provided an overview of the OPG's nuclear emergency response strategy that included:

- The PNERP gives the Province authority for off-site emergency response.
- The PNERP determines the protective action strategy for public safety.
- The PNERP was updated to enhance emergency planning using public consultation and the updated PNERP Master Plan was approved by Cabinet and was implemented by OPG.
- OPG follows a very strict standard for emergency notifications that includes:
 - The shift manager recognizes the emergency and categorizes the event
 - The initial off-site notification is made within 15 minutes of categorizing the event and includes OFMEM, DEM and the City of Toronto Emergency Management
 - OPG's Emergency Response Organization (ERO) is activated automatically and ERO personnel respond and report for duty
 - The CNSC's Duty Officer is notified within 15 minutes of the ERO activation.

Stan explained the next steps of OPG's nuclear response plans that include:

- Public Alerting and Communication of the Emergency Information
 - The PEOC decides on public alerting
 - o Public alerting sirens are activated in the 3km zone
 - Durham Region and the City of Toronto also have their own phone alert system within the 10km zone
 - o The Provincial emergency public warning system is activated
 - The province issues public advisories on protective measures being directed via Emergency Bulletins

- Event Categorization involves OPG identifying, classifying and if needed, declaring a station emergency for the following reasons:
 - Unusual radiological conditions
 - o Non-radiological events requiring protection of on-site personnel
 - o Activation of the ERO to deal with the event
- Event Notification from OPG involves 3 important notifications to ensure an effective emergency repose that includes:
 - Sift and on-site staff are warned, assembled and mobilized and implementing the appropriate no-site protective actions
 - o OPG notifies the province within 15 minutes of its categorization
 - ERO augmentation occurs involving the duty on-call and call-in responders with the assistance of the automated MIR3 system.

Stan reviewed the 2019 EPD work program and the highlights were:

- Conducted 13 evaluated drills and 25 crew practices.
- Received a good review from the IAEA EPREV that focused on off-site preparedness in the City Ottawa in June involving Health Canada, OFMEM, OPG and the Durham Region/DEM.
- Implemented the revised PNERP.
- Revised all governance documents to reflect the revised PNERP requirements for Pickering and Darlington NGSs.
- Participated in the Darlington and Pickering World Association of Nuclear Operators (WANO) Peer Review Evaluation and received the highest rating.
- Completed the Emergency Mitigation Equipment Phase 2 for both Pickering and Darlington NGSs by providing additional mechanical, electrical and communication equipment.
- Participated in the Delpark Homes Recreation Centre in Oshawa for an Off-site Reception Centre Exercise involving approximately 100 participants.

Stan reviewed the planned EPD work program highlights for 2020 that will include:

- Conduct 12 evacuated drills and 25 crew practices.
- Host and participate in the multiday emergency exercise (Exercise Unified Command) at the Darlington NGS that will include external stakeholders.
- Upgrade the off-site survey van fleet for radiation surveys.
- Consider implementing drones within the Environmental Protection Department to monitor releases in an emergency.

Stan Whatmough or his associates will provide the DNHC with an update next year concerning the nuclear emergency preparedness at the Pickering and Darlington NGSs. More information is available by accessing the OPG website at www.opg.com.

4.4 Progress report by the DRHD concerning the Distribution of Potassium Iodide (KI) Tablets in Durham Region

Sendi Struna, Manager, Health Protection and Pamela Khan, Senior Public Health Inspector, DRHD, provided a joint presentation concerning the distribution of KI tablets in Durham Region.

Sendi provided some background information about the purpose and use of KI tablets in case of a serious incident at Pickering or Darlington NGSs that included:

- KI fills up the thyroid with stable iodine which prevents the uptake of radioactive molecules to decrease the risk of thyroid cancer later in life.
- Tablets should not be taken unless instructed to do so by the Office of the Chief Medical Officer of Health in a nuclear emergency.
- Tablets will be available at reception, evacuation and emergency workers centres in a nuclear emergency.

Sendi reviewed the legal basis of KI tablet distribution that were:

- In 2009, the Province of Ontario under the PNERP required designated municipalities including Durham Region to have a plan to facilitate the availability of KI tablets for the Detailed Planning Zone (DPZ) or approximately 10km around NGSs by December 31, 2015.
- In 2014, the CNSC followed-up with its licensing requirement REGDOC –
 2.10.1 that applied to all NGSs including Pickering and Darlington that stated:
 - In the DPZ, all households, institutions and businesses within 10km of NGSs must be provided with KI tablets by December 31, 2015.
 - In the IPZ, KI tablets must be made available to anyone residing within 50km of NGSs who wish to have a supply.

Pamela explained the follow-up that occurred from these legislative requirements that included:

- DRHD in collaboration with OPG, City of Toronto Emergency Management and Canada Post distributed over 200,000 tablet packages to all households and businesses in the DPZ around Pickering and Darlington NGSs by the fall of 2015.
- The DRHD leads the distribution of KI tablets to institutions within the DPZ and to all first responders in Durham Region. Distribution has always been in collaboration with OPG.
- In January and February 2019, approximately 260,000 new KI tablet packages were distributed to first responders and institutions and this supply will expire in 2029.
- In April 2019, all expired tablets collected by DRHD were returned to OPG.
- In January, May and September each year, DRHD plans and delivers public awareness campaigns to target residents and businesses in the DPZ and IPZ using a variety of outreach platforms.

Pamela explained the role of the DRHD in distributing KI tablets which included:

- Managing telephone inquiries and assisting with KI tablet orders received.
- Providing in-house storage of KI tablets.
- Maintaining records for stockpile of tablets to backfill supplies needed for institutions, first responders and pharmacies.
- The preparetobesafe.ca website was launched in the fall of 2015. From the inception to January 8, 2020, the number of orders were:
 - o 30,724 total orders
 - 1,219 businesses were provided tablets for 66,752 employees
 - 29,505 households were provided tablets for 85,126 adults and 27,254 children

Sendi provided some very current statistics since the January 12, 2020 'false alert' that notified Ontario residents through the Provincial Alert Ready system of an incident at the Pickering NGS. The alert was quickly investigated and found to be an error caused during a provincial test of nuclear preparedness systems and the public was notified.

As a result, there was a major increase in the KI order requests. In just 33 hours, the <u>preparetobesafe.ca</u> website received 427 business requests and 31,961 residential requests for total of 32,388 which is more requests than over the past four years with 30,724 KI orders received.

During the presentation, Sendi indicated the KI orders are still being received in very large numbers with a total of 56,831 orders placed as of 4:00pm Thursday, January 16, 2020.

Sendi explained the role and responsibilities of the DRHD as it responds to the KI tablet requests that included:

- Responding to public inquiries
- Updating phone messaging
- Monitoring the social media
- Re-stocking designated pharmacies
- Receiving inquiries from non-designated pharmacies
- Communicating with OPG concerning website order metrics.

Sendi mentioned that CNSC established a KI Working Group as part of Pickering Nuclear relicensing in 2018. The Working Group held its Phase 1 Workshop on November 4 and 5, 2019 and is planning a Phase 2 Workshop in 2020. Summary reports of the Working Group's Workshops will be posted on the CNSC website for the public to review.

Sendi Struna and her associates will continue to update the DNHC on the progress of the distribution of KI tablets in Durham Region. More information is available at www.durham.ca/health/KI.

5. Communications

5.1 Community Issues at Pickering Nuclear

Jennifer Knox, Director, Corporate Relations and Communications, OPG, provided an update on Community Issues at Pickering and the highlights were:

- Pickering Units 4, 5, 6, 7 and 8 are operating at or close to full power.
- Pickering Unit 1 is in a planned maintenance outage.

Analiese St. Aubin can be reached at (905) 839-1151 extension 7919 or by email at analiese.staubin@opg.com for more information.

5.2 Community Issues at Darlington Nuclear

Jennifer Knox, Director, Corporate Relations and Communications, OPG, provided an update on the Community Issues at Darlington and the highlights were:

- Darlington Units 1, 3 and 4 are operating at close to full power.
- Darlington Unit 2 is undergoing refurbishment.
- A progress report on the Darlington Refurbishment Project will be made at the DNHC meeting on April 24th.
- The Ontario Energy Board will visit Darlington for a tour of the facility on January 24th.

Cheryl Johnston, Corporate Relations and Communications, Darlington Nuclear, OPG, can be reached at 905-623-6670 extension 7038853 or by email at cheryl.johnston@opg.com for more information.

5.3 Corporate Community Issues for OPG

Jennifer Knox provided an update on corporate community issues and the highlights were:

- On Sunday morning January 12th, Pickering units were operating as designed when an emergency alert was issued in error by the Province of Ontario during a routine training exercise being conducted by the PEOC. The Solicitor General of Ontario has confirmed that there was no intention to notify the public in this instance and that a full investigation will be conducted.
- In the days since the 'false alert', OPG has continued to address misinformation and respond to public inquiries. Any further questions or feedback concerning the 'false alert' should be directed to the Pickering and Darlington Information Centres.
- On January 28, OPG Nuclear will be continuing its partnership in the Bring Back the Salmon Program and the launch of salmon hatcheries will take place at Pickering and Darlington Information Centres.

- The OPG Winter edition of the Pickering and Darlington Nuclear Neighbours newsletter will be delivered to homes in March 2020 concerning community issues.
- In August 2018, the CNSC approved a 10-year licence for Pickering Nuclear which included approval of commercial operations until 2024 and OPG has identified system benefits to optimize the station shut down. OPG has proposed operating Units 1 and 4 to 2024 and Units 5, 6, 7 and 8 until the end of 2025. The proposal is pending engagement by the public, key stakeholders and receiving CNSC regulatory approval.

6. Other Business

6.1 Topics Inventory Update

Robert Kyle indicated the Topics Inventory will be revised to include the presentations made today.

6.2 Future Topics for the DNHC to Consider

Robert Kyle indicated the theme of the next DNHC meeting scheduled for April 5, 2019 will be *Progress Reports concerning Management of Nuclear Waste* that may include:

- Progress report by the Nuclear Waste Management Organization (NWMO) concerning its Site Selection Process for the Long-term Management of Used Nuclear Fuel in Canada.
- Progress report by DRHD concerning the Health Neighbourhood Resource.
- Progress report by OPG concerning the Darlington Refurbishment Project.

7. Next Meeting

Location

Durham Regional Headquarters 605 Rossland Road East, Whitby

Time

12:00 pm Lunch in Meeting Room 1A 1:00 pm Meeting in Council Chambers

Date

April 24, 2020

8. Adjournment

4:15 PM