

# CNSC POTASSIUM IODIDE (KI) PILL WORKING GROUP

Durham Nuclear Health Committee
January 20, 2023
Lee Casterton





### BACKGROUND

# Background



- CNSC Public Hearing on the Pickering licence renewal (June 2018)
  - Intervenors raised concerns on Potassium Iodide (KI) Pill pre-distribution and distribution in an emergency in the Ingestion Planning Zone (IPZ)
  - Commitment by CNSC staff to form a working group to provide clarity on the roles and responsibilities for KI Pill distribution
- Commission released Detailed Record of Decision for Pickering licence renewal in January 2019

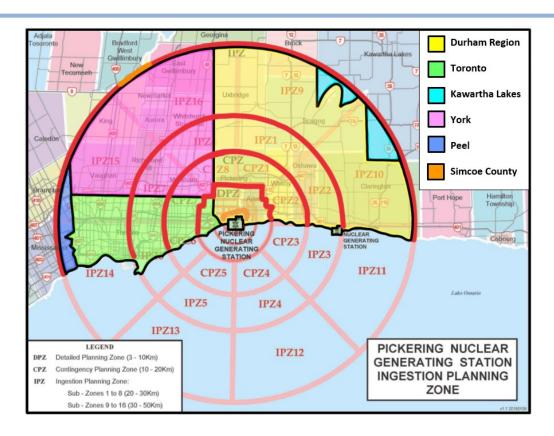


# Ingestion Planning Zone (IPZ)



**Ingestion Planning Zone (IPZ)** 

for Pickering Nuclear Generating Station, and associated municipalities



# Working Group Membership



Signatories to the TOR:



**CNSC** 



**MOH** 



**EMO** 



**OPG** 

The Working Group also includes Health Canada, as well as Public Health Units and Emergency Management Coordinators from the following municipalities:

- Peel Region
- York Region

- - City of Toronto Peterborough County

- Simcoe County
  - City of Kawartha Lakes
    - **Durham Region**

#### Mandate

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The mandate of the Working Group is to be completed in two phases:

#### Phase I (Complete)

Fulfill the commitment to the Commission to provide clarity on the existing plans and associated responsible authorities for distributing KI pills in the IPZ in the event of an emergency at the Pickering NGS

#### Phase II

Fulfill the direction from the Commission in the detailed Record of Decision

- Determine feasibility of pre-distribution of KI pills to all schools within the IPZ
- Establish clear and detailed plans for the distribution of KI pills in the IPZ during an emergency at Pickering, if necessary

#### **CNSC** Website



A dedicated <u>webpage</u> for the Working Group was launched on June 14, 2019

- Background information
- TOR
- Project milestones
- Meeting Minutes
- CNSC Advisory Committee
- Quick facts on KI pills

Additional documentation is added on an ongoing basis

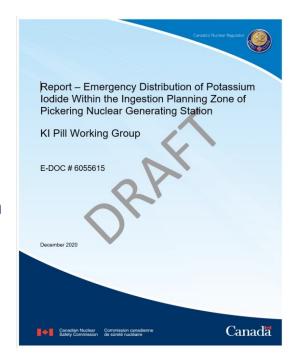


# Phase I Report



#### The Phase I Report covers the following topics:

- Nuclear emergency management framework in Canada
- Information on KI pills and pre-distribution
- Current plans and associated roles and responsibilities for KI pill emergency distribution
- Public Resources Relating to KI
- Concept of Operations for KI Emergency Distribution
- Phase I was presented to the Commission on January 26, 2022 completing Phase I





#### APPROACH FOR PHASE II

# **EMO/MOH Proposal**

- In June 2022, EMO and MOH proposed to the CNSC and OPG (collectively the signatories to the Terms of Reference) that the Phase II objectives could be completed by the province through the update to the PNERP
  - EMO would provide the Working Group with a discussion paper that considers the Phase II objectives and would inform the PNERP update
  - The Working Group would be utilized as a forum for discussion and input on the discussion paper
- In August 2022, EMO and MOH provided a written proposal outlining the new approach which was shared in September with the Commission

# **EMO/MOH Proposal**

- In October 2022, senior management from the signatory organizations concurred with the new approach for Phase II
- The Working Group received the EMO discussion paper in December 2022 for review



#### **NEXT STEPS**

#### **Next Steps**

- The Phase I Report will be posted on the Working Group webpage and supported by public communication
- The Working Group webpage and Terms of Reference to be revised to reflect the new approach to Phase II
- EMO to address the Phase II objectives through the update to the PNERP
  - Updated PNERP will undergo a public review period led by EMO





Thank You! Questions?

nuclearsafety.gc.ca

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