

Durham Nuclear Health Committee

Emergency Management Ontario

Presenter: Michael Munro

PREPAREDNESS



Building Resilient
Communities Across
the Province and
Keeping Ontarians
Safe

PREVENTION



RESPONSE



RECOVERY



MITIGATION

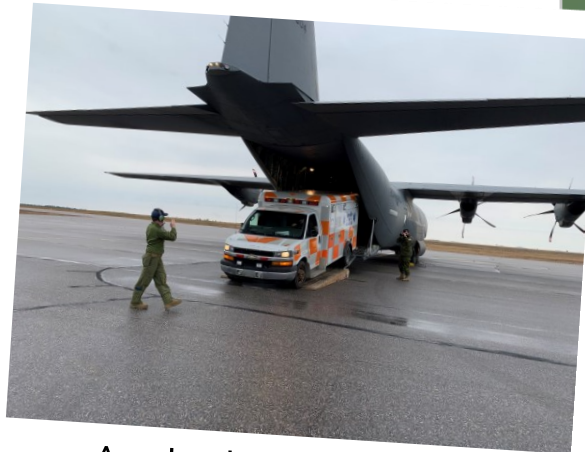
EMO In Action



OPG – Darlington Nuclear Generating Station
September 2022



EMO Training – Township of Val Rita-Harty
September 2022



Ambulance Airlift
Dryden to Pikangikum FN
October 2022



Bruce Power's Exercise Huron Endeavour
October 2022

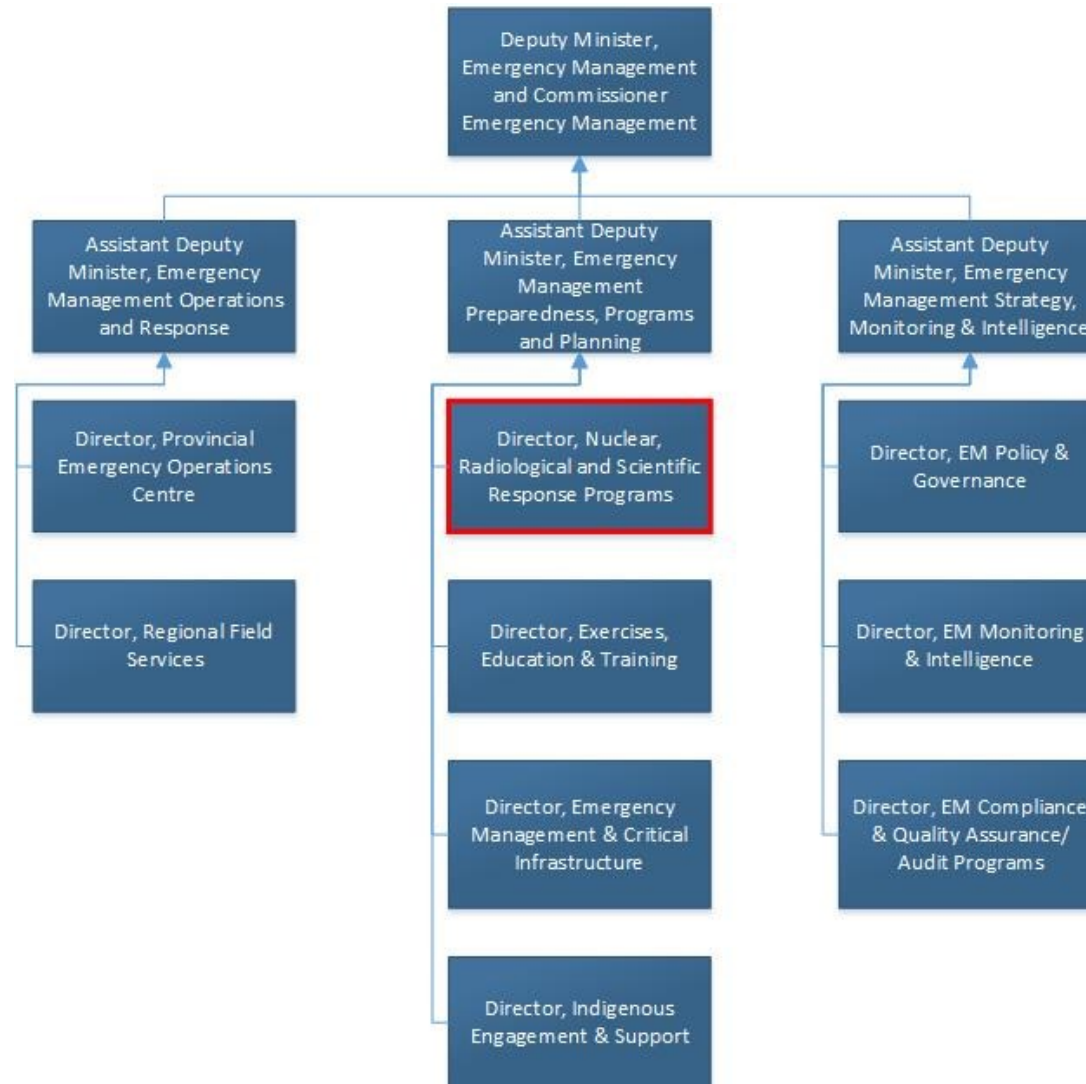


Bruce Power's Exercise Huron Endeavour
October 2022

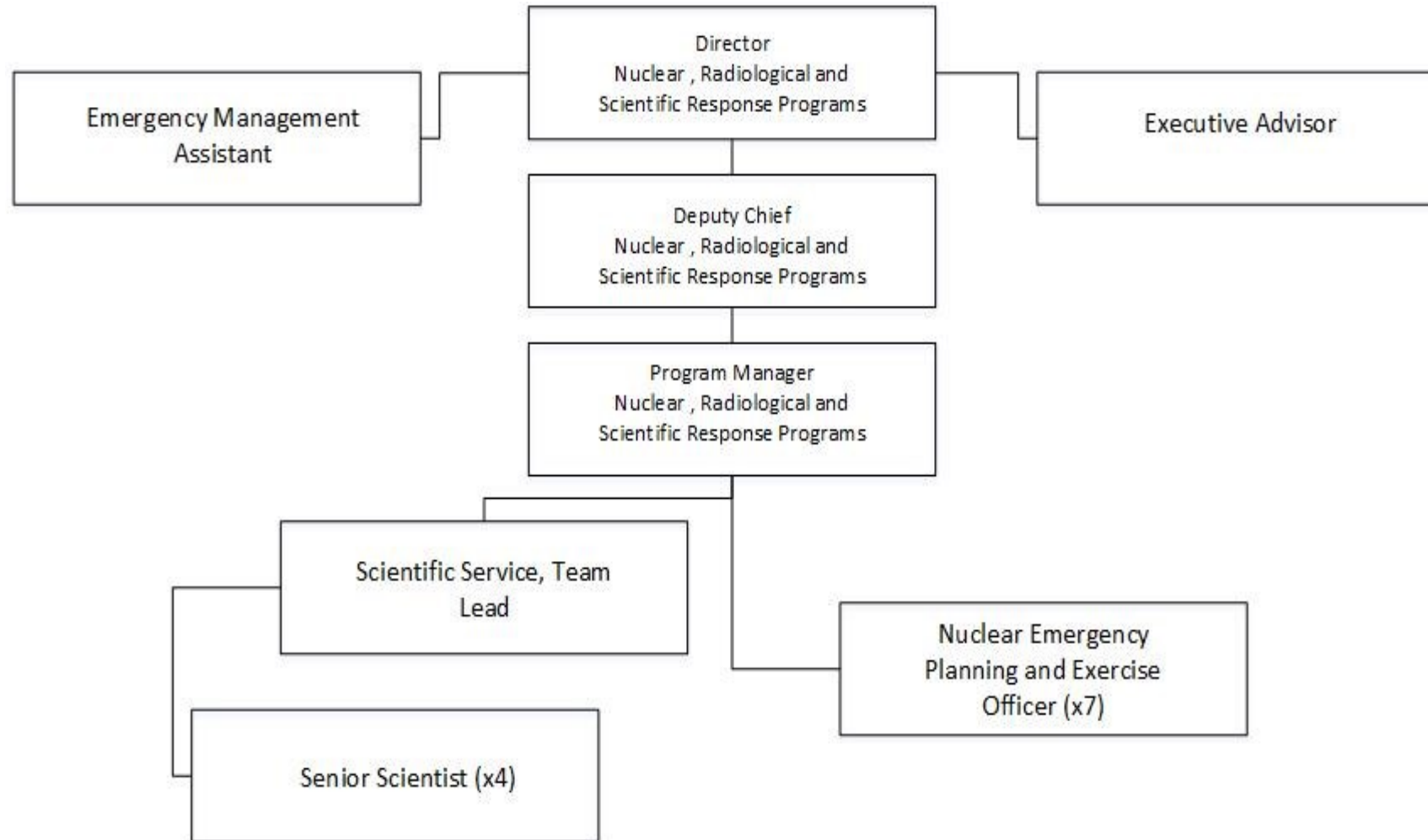


PEI – Hurricane Fiona
October 2022

Emergency Management Ontario



Nuclear, Radiological and Scientific Response Programs



NRSRP Branch Mandate

1

Develop and maintain a provincial nuclear emergency management program

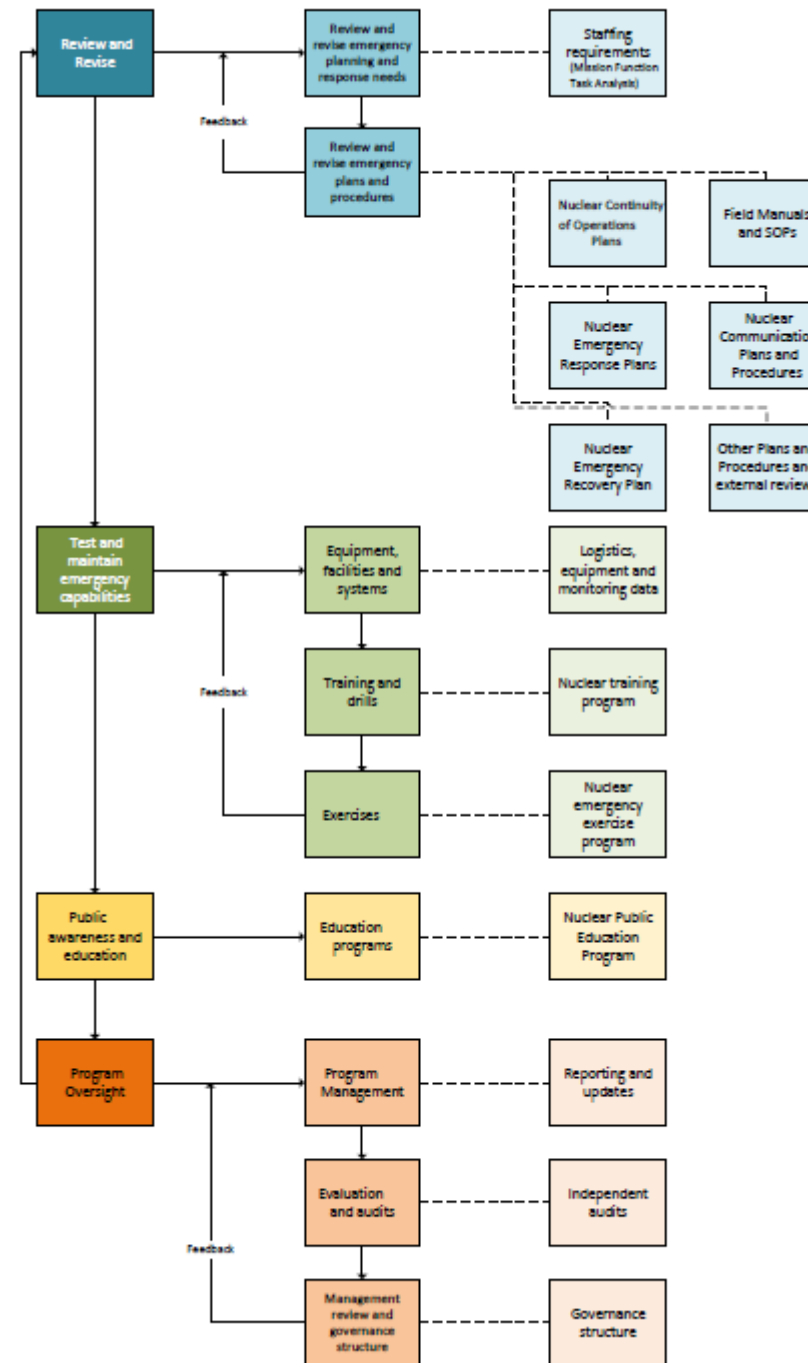
2

Coordinate provincial scientific activities, emergency plans, programs, exercises, procedures and policies to support Ontario's off-site responsibilities in the preparedness for, response to, and recovery from a nuclear or radiological incidents

3

Provide advice and assistance to a broad range of public sector partners (provincial, federal, municipal, Indigenous) and private sector stakeholders particularly with respect to their nuclear accountabilities under the PNERP

Ontario's Nuclear Emergency Management Program (NEMP) Roadmap



Review of the PNERP Master Plan



Emergency Management Ontario is undertaking a detailed review of the 2017 PNERP Master Plan.

This review will be informed by input from technical experts including those from the federal nuclear regulator, applicable provincial ministries, province's nuclear reactor facilities, designated and affected municipalities.

As part of the review of the 2017 PNERP Master Plan, Emergency Management Ontario is seeking to consult First Nations and Métis communities, First Nations and Métis leadership, and national and regional Indigenous organizations.

Feedback received is appreciated and will help update the next version of the PNERP Master Plan.



EMO's Potassium Iodide (KI) Pill Discussion Paper – Path Forward

EMO has assumed the Phase II work of the CNSC KI Working Group and has developed a Discussion Paper examining three issues:

1. The need to supplement the current preparedness measures to facilitate access to potassium iodide (KI) pills beyond the current KI pill pre-distribution 10 km Detailed Planning Zone (DPZ) area.
2. The need to extend the pre-distribution stocks of KI pills from all schools in the 10 km DPZ to all schools in the 50 km Ingestion Planning Zone (IPZ).
3. A provincial strategy for emergency distribution of KI pills at the time of a nuclear emergency.

The Discussion Paper has been issued for review and comment to both the members of the CNSC KI Working Group as well as to our stakeholder group – the NEMCC which is made up of representatives from the organizations participating in a nuclear emergency response.

We are in the process of reviewing all comments received in consideration of the KI provisions to be included in the next draft PNERP MP.

Stakeholders, together with the public, will have another opportunity to review these KI provisions during the public consultation for the PNERP MP, scheduled for the Spring 2023.



EPREV Follow-up mission- June 2023

Objective

Review Canada's progress in implementing the National Action Plan to address recommendations and suggestions from the 2019 IAEA EPREV mission

Follow-up mission will be based on Canada's ability to meet IAEA General Safety Standards, in particular GSR Part 7: Preparedness and Response for a Nuclear or Radiological Emergency

Scope

The 2019 EPREV report constitutes the basis for the follow-up mission

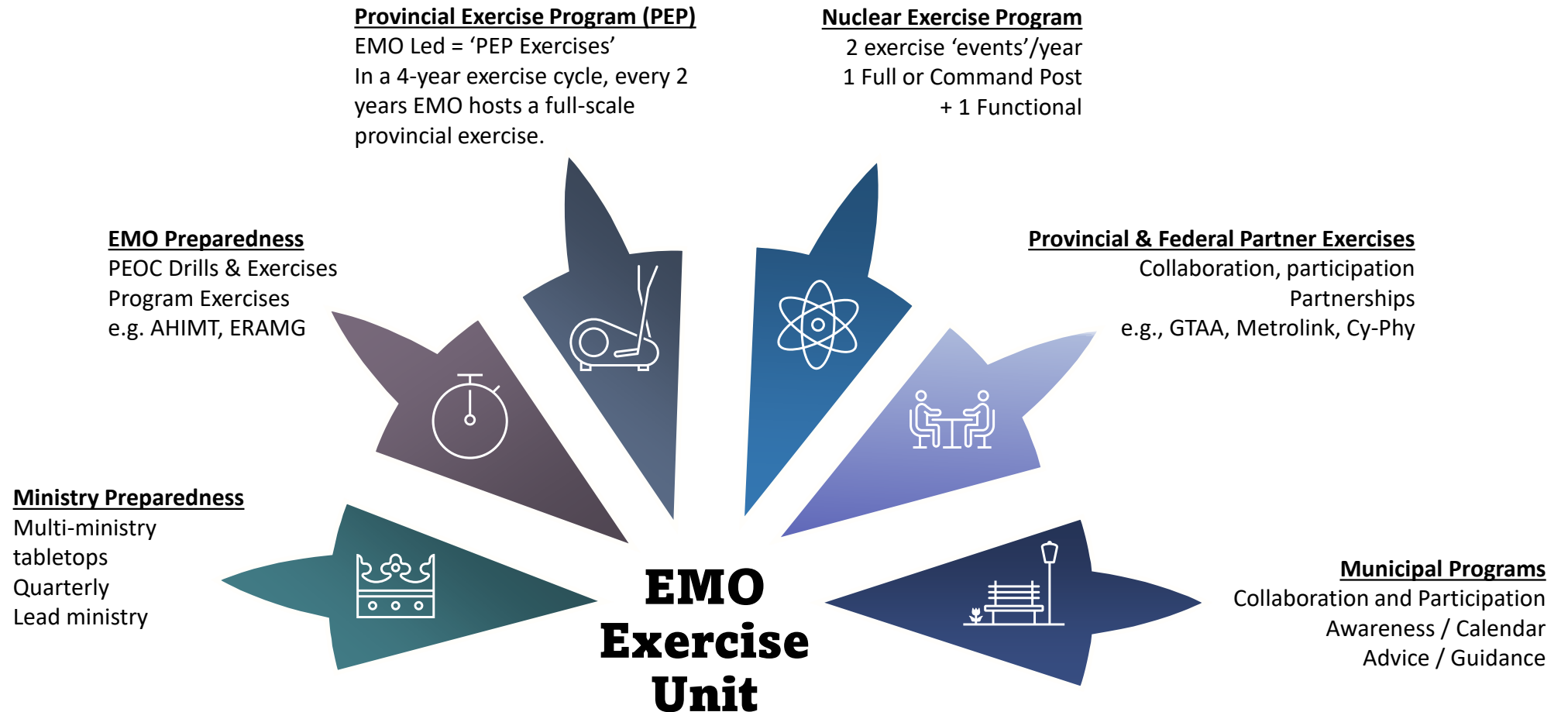
Follow-up mission will be limited to EPR arrangements related to nuclear emergency response at Category 1 facilities, specifically the Darlington Nuclear Generating Station and the Point Lepreau Nuclear Generating Station

Outcomes

A publicly available report on Canada's progress in implementing the recommendations and suggestions from the 2019 main EPREV mission

Report will identify whether each recommendation and suggestion remains open or closed based on the assessment against the requirements in GSR Part 7

EMO Exercise Program Elements





**HURON
ENDEAVOUR
2022**

Emergency Management Ontario

4
special effect
make-up artists

15
external emergency
vehicles deployed
to site

100
Bruce Power
emergency
responders

13
months
of planning

1,400
total participants
involved in the
exercise

20
hours of
exercise time

15
role playing
actors

**HURON
ENDEAVOUR
2022**

A full-scale integrated emergency response exercise, on site and beyond.

Image Courtesy of Bruce Power

Thank you

Contact Information

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