## **OPG Enterprise Emergency Management**



# Agenda

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#### Enterprise Emergency Management – Our Mandate

#### CNSC Reg Doc 2.10.1 & Provincial Nuclear Emergency Response Plan (PNERP)

- Nuclear Emergency Preparedness capability: Facilities, Equipment, ERO, Procedures
- Emergency Management Business Continuity, Crisis Management, Grid
- Emergency Response Organization (ERO) qualifications:
  - o 1,500 ERO, 54 unique qualifications
- Conduct drills & exercises to confirm effectiveness of emergency plans
- Off-site authorities and stakeholders alignment

## **Emergency Management Pillars**

### 1. Program Excellence

Strengthen OPG's social license through a robust EP program which is integrated with station goals, to ensure the protection of employees, the public and the environment

#### 2. Perfect Practice

Maximize the Emergency Response Organization's effectiveness through drills and exercises that are realistic, challenging and evaluated against a high standard

### 3. Constant Improvement through Innovation

Develop a culture of continually challenging the status quo to improve the EP program through a cycle of: Ideation  $\rightarrow$  Innovation  $\rightarrow$  Integration  $\rightarrow$  Iteration

## 2021 Highlights

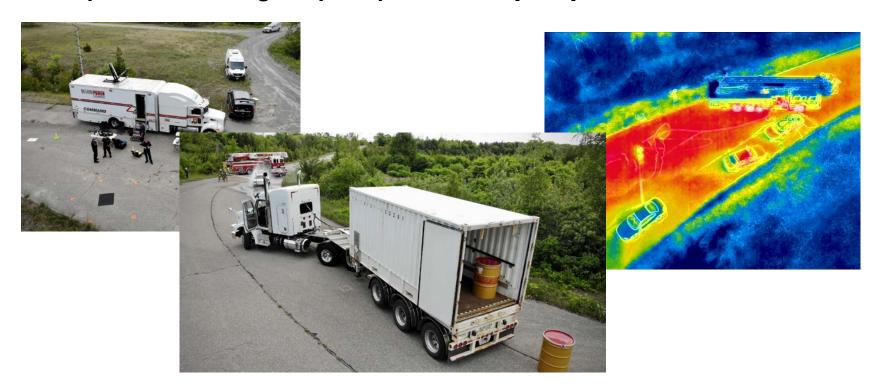
- Enterprise Emergency Management 'Nuclear Emergency Preparedness' integrated corporate 'Emergency Management' onto our team, creating Enterprise Emergency Management, allowing enhanced oversight for Business Continuity, Crisis Management (ie, Covid), and power grid.
- **Drills & Exercises:** Successfully completed <u>5</u> evaluated drills, <u>1</u> Liquid Emergency Response Plan Drill, and <u>10</u> Self Assessed crew practices. Proficiency training for the Emergency Shift Assistant at the simulator. Gridex VI cyber and physical attack scenario on the North American electrical grid.
- Potassium Iodide (KI) Pills 285,000 KI Pills were distributed through preparetobesafe.ca and New Neighbours.
- Innovation Decommissioned NETS & increased capability with mobile and satellite phones
- **COVID Protocols**: WFH, enhanced cleaning and staff protection protocols within ERO, virtual response guidelines, cross train ERO to increase depth. IDIRT and CMCC virtual activation.
- International Evaluation: Pickering WANO evaluation highlighted the strength of OPGs EEM program. "Remote evaluation of Drills" was recognized as an industry leading strength, allowing us to maintain ERO proficiency at a time when the industry saw a decline.

## 'Remote Evaluation' of Drills





### Transportation Emergency Response Plan (TERP) - Drill



## **2022 Priorities**

- **Drills & Exercises**: Continued implementation of full drill schedule (5 Darlington & 6 at Pickering) through 2022, including new and challenging drill scenarios. Continue use of 'Remote evaluation' and 'Self evaluation'. ExU Command February 23-25 At Darlington Nuclear.
- **Partnerships**: Maintain strong partnerships with external partners (Regional, community, Nuclear industry) through regular discussion, alignment and MOU's.
- External Evaluations: CNSC site visits & audits, WANO Corporate evaluation (March), Insurance Audit (February)
- Technology: WebEOC upgrades, enhanced use of communications (Satellite phone, 3g, mobile)
- Resourcing: Building proficiency of several new staff to department to improve organizational agility
- New Nuclear (Small Modular Reactor Darlington): Supporting OPGs initiative with staff and expertise.
- **ERO Rationalization:** Project to streamline levels of ERO staffing and facilities.

For more information, visit: <a href="https://www.opg.com/nuclearsafety">www.opg.com/nuclearsafety</a>

