



Nuclear Emergency Program

Department of Public Safety

December 2011



AIM

To describe the current state of our capabilities and readiness for station restart which is anticipated to occur in 2012.

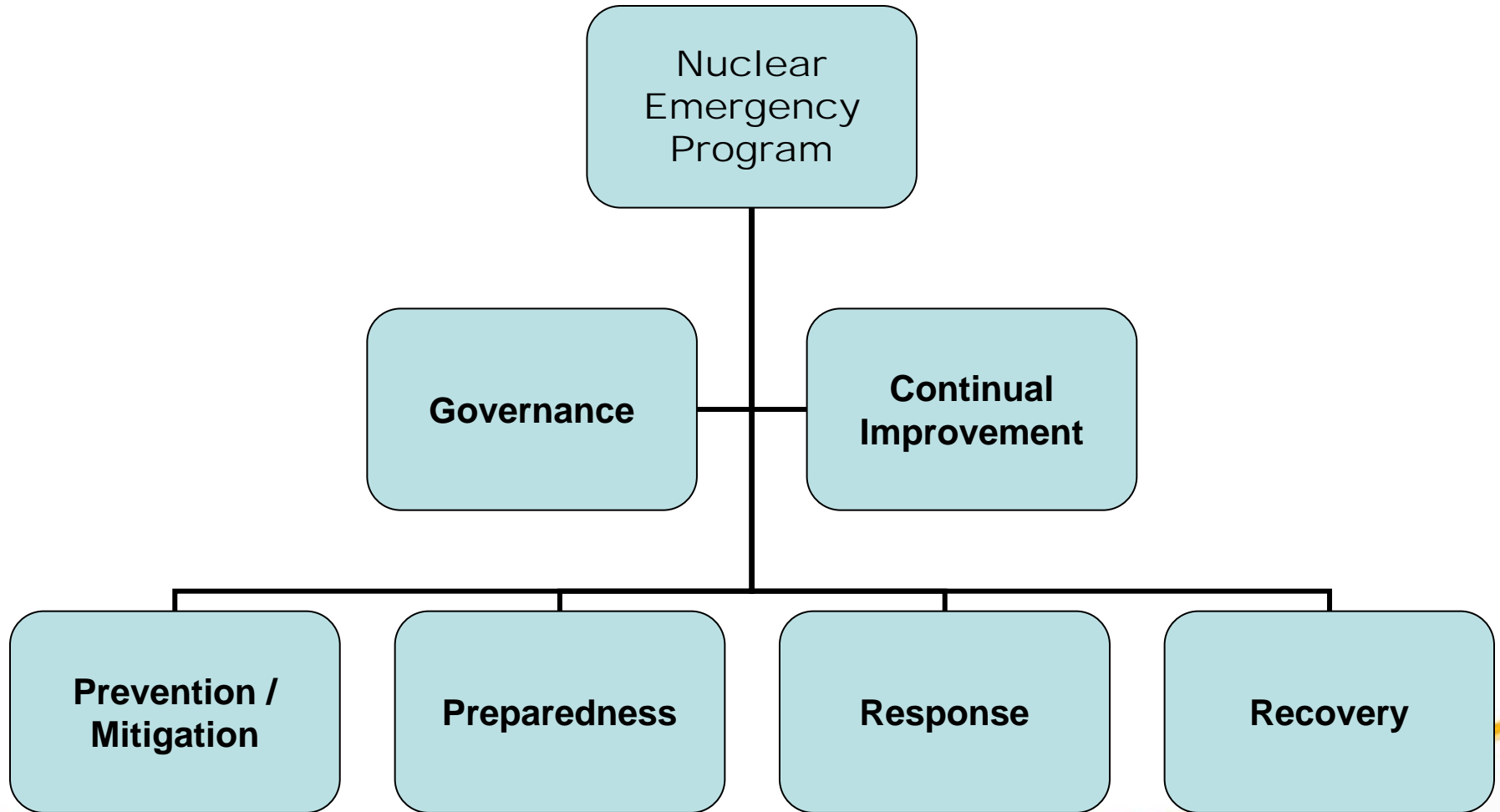


Outline

1. Program Design
2. Governance
3. Process
4. Infrastructure
5. Training & Exercises
6. Post Fukushima Initiatives
7. Public Awareness & Education
8. Conclusions



Architecture





Program Design

New Brunswick is committed to improved rigour, transparency and continual improvement in our emergency programs.

New Brunswick's program design conforms to international norms for program management, including executive level accountability, performance measures and an internal responsibility system.

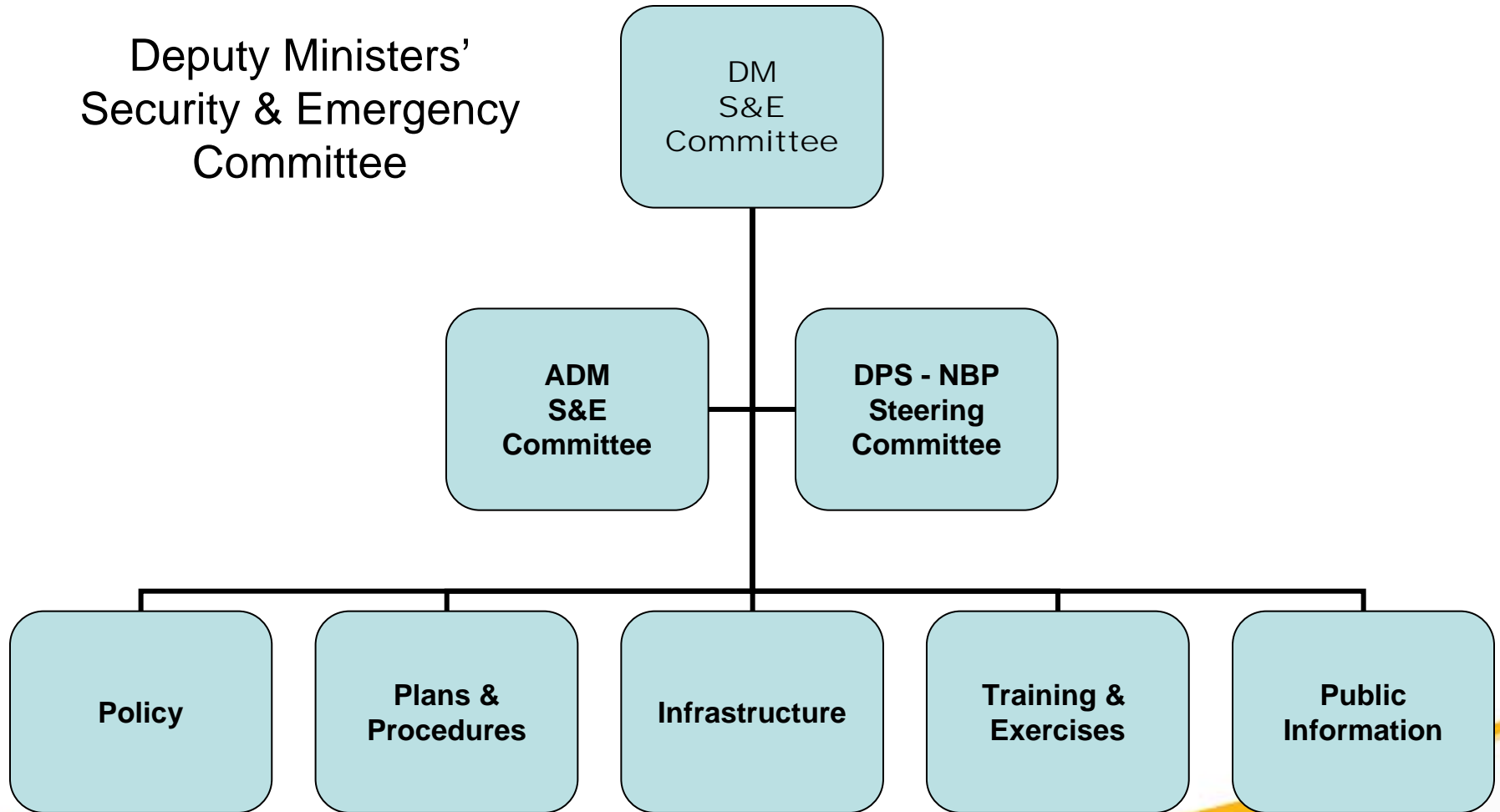
New Brunswick has and is making significant investments to build capacity and improve competencies to manage any off-site emergency.



Governance

- Statutory Authority
- Accountability
 - Deputy Ministers' Security & Emergency Committee
 - Assistant Deputy Ministers' Mirror Committee
 - DPS–NBP Steering Committee
 - Program Managers
- Performance Management
 - Internal Evaluation
 - External Evaluation
 - Improvement Plan

Governance Framework





Improvement Plan

- **Policy Review**
 - IAEA Technical Guidance
 - CNSC and HC Guidelines
- **Plans & Procedures**
 - Nuclear Off-site Emergency Plan
 - Emergency Public Information Plan



Improvement Plan

- **Telecommunications Systems**
 - St George Radio System
 - Digital Microwave Link
- **Common Operating Systems**
 - Sentinel Emergency Command Centre
 - Sentinel Alerts
- **Situational Awareness Systems**
- **Multi Agency Situational Awareness System (MASAS)**
 - ARGOS / EMAP System
 - S3 Fast System



Improvement Plan

- **Public Warning Systems**

- Everbridge Aware - Mass Notification System
- Sentinel Alerts - Mass Notification System
- National Public Alerting System (NPAS)
- Pt. Lepreau Warden Service

- **Evacuee Registration and Tracking Systems**

- Service New Brunswick
- Canadian Red Cross



Improvement Plan

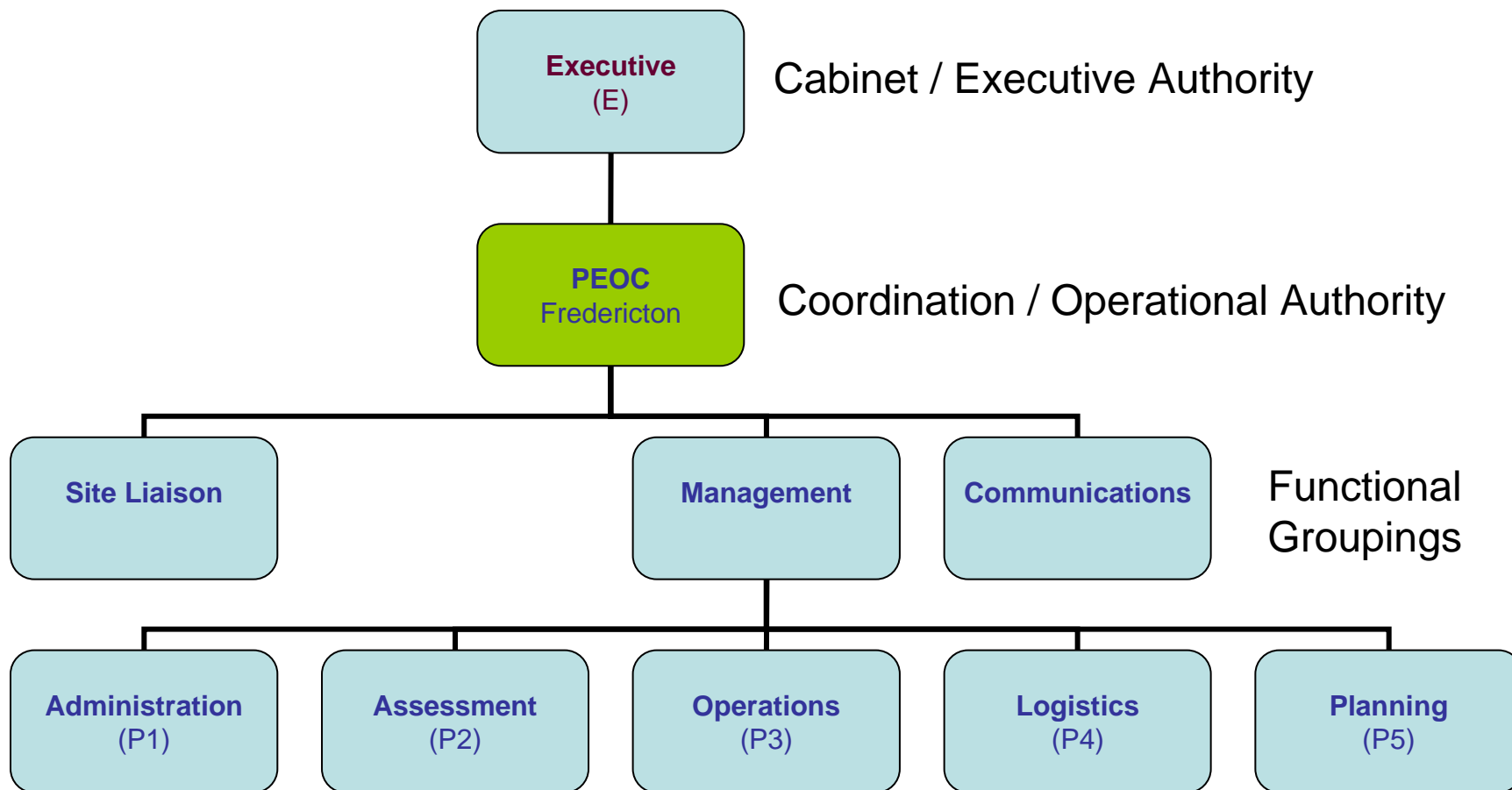
- **Training & Exercises**

- Identify / designate personnel (ongoing)
- Retrain / certify all personnel (ongoing)
- Exercise components (winter 2012)
- Conduct validation exercise (spring 2012)

- **Public Information**

- Update household data
- Improve web sites
- Notification tests
- Deliver products

Incident Management System





Emergency

Emergency Details

Time Since Activation 595D 3H 0M 13S

Activation Date: 2010-04-07

Type: River Floods

Description: For demonstration purposes. This incident ...

[More Details](#)

Communications

Automated Messaging Centre

[Create Notification](#)
[List Quick Launch Notification](#)
[Notification Template](#)
[Notification History](#)

[View all](#)

Reporting/Briefing

Reports

[Significant Events](#)
[Deployed Assets](#)
[Tasks](#)
[Active Plans and Protocols](#)
[All](#)
[Add Situation Report](#)
[List Situation Reports](#)

[View all](#)

Demonstration Incident - Flooding Response

Resource Search/Deploy

[Advanced Search](#)

Significant Events

Send To	From	Date Created	Status	Description
DEOC Edmundston; PEOC Fredericton	Mobile Command Post	2010-04-20 00:00:00	Active	Command Post released. Will redeploy to Fredericton
PEOC	River Forecast Centre	2010-04-20 00:00:00	Active	Water level forecasts have been adjusted to reflect
Significant Events	E. MacGillivray	2010-04-19 11:45:00	Active	Executive Brief (Edmundston). Minister; DM; Mayor
Significant Events	E. MacGillivray	2010-04-07	Active	Flooding at Fort Kent, Maine (reported by USGS Hyd)

[Add](#) [Personal Logs](#) [View all](#)

Active Plans

Client Name	Description
NBEMO Checklist - Administration Officer	
NBEMO Checklist - Deputy Minister	
NBEMO Checklist - Event Director	

[Add](#) [View all](#)

[Advanced Search](#)

RSS Feeds/Links

of New Brunswick - Public Safety - Latest News :

- [News Sites](#)
- [Public Alerts](#)
- [Public Alerts](#)
- [Public Alerts - NPAS](#)
- [# MASAS Canada](#)

[Add](#) [View all](#)

Mapping/GIS

[Open in Google Earth](#)

[bing Open In Bing](#)

Tasks

Task	Priority	Due By
Road Clearance - Route 1 - St. George to Pennfield	High	2011-08-16 23:59:42

[Add](#) [View all](#)



Decision Support Systems

The following are available to us to assist with information sharing, visualization of tactical operations, near real-time sensor and field readings and dispersion modeling.

- ARGOS / E-MAP (Health Canada)
- Command View (DND)
- MASAS-X (DRDC – CSS)
- S3 FAST (NB Power)



Post Fukushima Considerations

- **Governance**
 - **DM and ADM Standing Committees**
 - **Public Accountability**
 - **Federal Oversight**
- **Nuclear Off-site Emergency Plan**
 - **Severe Accident Management Annex**
 - **Scenario specific evacuation plans**
 - **Integrate new federal components**



Post Fukushima Considerations

- **Mandatory Training & Exercises**
 - **Multi-year training and exercise program**
 - **Certify staff for key emergency roles**

Conclusions

Our program is built on the following foundations:

- a sound legal basis in legislation and regulation;
- a robust executive level governance and accountability framework integrated across the whole of government;
- an institutional commitment to program rigour, transparency and continual improvement;
- proven competence in managing complex emergencies;



Conclusions

- a comprehensive retraining and exercise program;
- a strong focus on public awareness and education; and
- a commitment to address new program requirements identified in the Fukushima Task Force Report as well as any other relevant advice the Commission may offer.



Questions

Dale Wilson
Deputy Minister
dale.wilson@gnb.ca

Ernest MacGillivray
Senior Advisor
ernest.macgillivray@gnb.ca