Managing Infrastructure Risk
Overview

• In the Beginning…
• Value of ERM
• Program Attributes
• Framework
• Tools
• Benefits
• Successes
• Sustainment & Next Steps
In the Beginning….

• History
  – Report to VGH recommending a “management system”
  – BCSA ESA
• Pilot
• Risk
  Insert pictures
  (flashing in/out)
  Energy Centre
  Mech space examples
  SPG
Value of ERM

• Build resilience and value through a process for managing your business and your business decisions

• For public-sector ERM, a key part of the process is determining where to allocate resources
Program Attributes

- Framework built on ERM leading practices
- Stakeholders highly engaged
- Action plans and external accountability
- Key performance indicators
- Regular reporting to all stakeholders
- External review for transparent, professional oversight
Risk Management Framework

- Establish the context
- Identify risks
- Analyze risks
- Evaluate risks
- Accept risks
- Treat risks
- Communicate and consult
- Monitor and review

Adapted from ISO 31000:2009
Risk Management Tools

1. Risk Management Framework
2. Risk Register
3. RR Mitigation Plan
4. Risk Dictionary
5. Risk Report
6. Asset List
7. RM Team List
8. Stakeholder List
9. Minutes for Stakeholder Meeting

Risk Mitigation by Risk Management Team
Benefits

- Mitigate operational risks
- Guide maintenance activities
- Demonstrate stewardship
- Assist in prioritization
- Support for funding
- Promote Facilities Management team
- Involvement of Stakeholders
VGH RMF BPV Successes

Risks at May 17, 2010:
- Extreme: 1, 3%
- High: 7, 18%
- Low: 14, 37%
- Moderate: 18, 52%

Risks at March 31, 2011:
- Extreme: 0, 0%
- High: 3, 7%
- Moderate: 15, 34%
- Low: 26, 59%
Sustainment & Next Steps

• Resource requirements
  – Risk Management Team
  – Stakeholders

• Scaling to meet facility’s needs

• Supporting Corporate Risk Management
Acknowledgements

• Business Analyst & Project Lead – Kaoru Nagao
• VGH EC - Power Engineers
• EC Ass’t Chief Engineers – Martin Gotel, Edguardo Medel
• EC Manager & Chief Engineer – Ed Florencio
• Integrated Risk Management – Jason Russell
• VGH Senior Manager – FMO – Ian Clearie
• Executive Director, Capital Projects – Brent Alley
• Executive Director, FMO – Dr Paul Becker
• VP Facilities Management – Peter Goldthorpe
• CFO and VP Systems – Duncan Campbell
• The Team from KPMG – Tim Clark, Mark Havlasek, David Baxter
• And Many Others – (approx xx individuals directly involved)
Questions ?