



Regional Energy Critical Infrastructure Resilience Workshop **July 2006**

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Agenda

What Are We Worried About?

A Sample Continuity / Resiliency Planning Process

Risk and Business Impact Analysis

Continuity / Resiliency Strategies

Partnerships





What Are We Worried About?

Any event that can disrupt business operations, including:

Severe Weather

Labor Unrest

Flooding

Pandemic Flu

Utility Failure

Workplace Violence

Fire

Terrorism

Viruses / Malicious Code

HAZMAT Incidents

Other events (volcano, tsunami, earthquake) are somewhat less likely





A Sample Continuity / Resiliency Planning Process

Risk and Business Impact Analysis

Requirements Analysis

Alternatives Analysis

Plan Development

Implementation, Testing, and Maintenance

Post-implementation Review





Risk and Business Impact Analysis

Identification of key resources and their associated risks

Measurement of impacts

Financial - Lost revenue, lost business (both during an event and on a permanent basis), increased costs, increased personnel requirements, penalties and fines

Legal/Regulatory - Noncompliance with governmental regulations, nonperformance of contract obligations

Customer Impact - Loss of competitive advantage, loss of goodwill, negative media coverage, loss of shareholder confidence

Impact on Operations - Inability to deliver acceptable customer service, loss of financial management capability, environmental and/or health & safety impairments

Development of Recovery / Resiliency Strategy

(Based on Recovery Time Objectives)





Continuity / Resiliency Strategies

Proactive

Build in redundancy / diversity for key resources

Contingency agreements with labor, business partners, and key customers

Exercise key capabilities

Reactive

Continuity / resiliency plans

resource level

business unit level

Emergency plans / crisis management plans

organizational level

industry level

community level





Partnerships

Public private partnerships

Over 80% of Critical Infrastructure (as defined by DHS) is in private hands
Best built from the local level up

Other associations

industry groups and associations
professional groups and associations (like TRCPA)

TRCPA Activities

Association with PA Region 13
Participation in exercises
(Beaver Valley plant exercises, subway exercise, PNC Park Exercise)
Participation in actual event response
(Y2K, Hurricane Ivan, MLB All-Star-Game)

