

RIC 2006
Session T1E
Licensing Issues

Risk Informed Surveillance
Test Interval Initiative

Pamela B. Cowan
Exelon Nuclear
March 7, 2006

Agenda

- Overview
- Process Aspects
- Strategic Improvements
- Areas of Benefit / Examples
- Perspectives on the Licensing Process

Overview

- Limerick Pilot for Industry
- Surveillance Frequencies removed from Technical Specifications
- New Surveillance Frequency Control Program
- Scope
- Frequencies optimized using risk input

Process Aspects

- Inputs
- Risk Impact
- Integrated Decisionmaking Panel (IDP)
- Monitoring

Strategic Improvements

- Risk-Informed “optimized” surveillance period
- Resources applied more strategically
- PRA Model Quality

Areas of Benefit

- Reactivity Management
- Dose/ALARA
- Equipment Reliability
- Outage Planning
- On-line Risk Management
- Production Risk