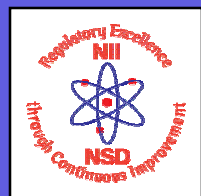




# **RIC 2003**

## **International Issues & Perspectives Session T11**

### **Current Challenges in Nuclear Safety Regulation**



Presentation by  
Laurence Williams  
HM Chief Inspector NII / Director NSD



# Regulatory Challenges

Regulating a changing industry

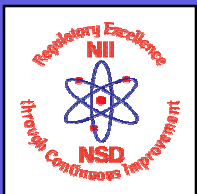
- Commercial Pressures
- Contractorisation
- Plant ageing
- Station closures
- Knowledge base



# Regulatory Challenges

## Commercial Pressures

- Drive to increase efficiency
- Reduction in staff numbers
- Safety culture



# Regulatory Challenges

## Contractorisation

- Increased use of contractors
- Loss of corporate knowledge
- Control and supervision
- SQEP



# Regulatory Challenges

## Plant Ageing

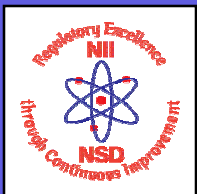
- Periodic safety reviews
- Application of modern standards
- Evaluation of life limiting factors
- Safety case knowledge base
- Material condition



# Regulatory Challenges

## Station Closures

- Staff morale
- Staff retention
- Decommissioning safety case
- Decommissioning programmes



# Regulatory Challenges

## Knowledge Base

- Declining industry fails to attract young staff
- Training and teaching facilities decline
- Research work reduces
- No knowledge basis to hand to decommissioning teams

