

International Experts Meeting on
Decommissioning and Remediation After a Nuclear Accident
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Summary of Findings and Recommendations
Session II
Review of Experience and Strategic Lessons Learned
from Past Accident and Legacy Situations

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Theme

Review of Experience and Strategic Lessons
Learned from Past Accidents and Legacy Situations

- Characteristics
- Specific Challenges
- Main Achievements



Key issues / Lessons Learned (General)

- Establish and maintain public trust
- Begin with the end in mind (end state)
- Characterization is key to recovery
- Role of regulator/adequate staffing
- Be flexible and adapt
- Focus on worker safety

Key issues / Lessons Learned (Assessment)

- Must evaluate critical hazards
- Inability to make intrusive inspections
- Utilize modelling via desktop Studies
- Promptly evaluate offsite releases/weather
- Contaminated water management/processing
- Long timeline for remediation
- Participation of local, national and international organizations

Key issues / Lessons Learned (Management)

- Emergency and post-emergency management
- Manage most urgent risks first
- Must know the extent of environmental contamination
- Stabilize and consolidate high risk materials

Key issues / Lessons Learned (Management)

- Must manage activities without precedent or off-the-shelf technologies
- Develop scope, schedule and cost
- Utilize advancement in engineering and technology

Application of Standards / Criteria

- Adequate Regulatory Regimes
- No specific discussion of criteria
- Cited Agencies or protocols

International Co-operation

- Enhancing communication with stakeholders
- Identifying End-State techniques
- Maximising engineering and technology awareness
- Long-term Project Management techniques
- Characterization and environmental consequences

Considerations for IEM Report

- Risk communication for stakeholders
- Importance of characterization
- Focus on End-State
- Role of flexibility/adaptation
- Use of emerging technology
- Interface with various levels of Government
- Long-term Project Management