

Fourth Review Meeting
Joint Convention on the Safety of Spent Fuel
Management and on the Safety of Radioactive
Waste Management
 14-23 May 2012

Country Group 4 Rapporteur's Report

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Country Group 4

LIST OF CONTRACTING PARTIES OF THE COUNTRY GROUP:
 Argentina, Australia, Czech Republic, Denmark, United Kingdom,
 Indonesia, Republic of Moldova, Montenegro, Slovenia, Ukraine

LIST OF OFFICERS TO THE COUNTRY GROUP

	NAME	CP
Chair:	Mr K Hioki	Japan
Vice Chair:	Ms H Roman	Canada
Rapporteur:	Ms L Khechane	South Africa
Coordinator:	Ms N Zeleznik	Slovenia

Country Group 4 - General Observations

- The 10 CPs assigned to CG4 submitted national report and participated in the RM
- There were three new CPs on GC4
- Over 500 questions were posted for CPs in CG4 and responses were submitted.
- Good and valuable presentations provided.
- Open and constructive discussions took place during the sessions
- Challenges from the last RM were addressed.
- Actions plans from the Fukushima lessons learned were discussed

AUSTRALIA



Australia- Highlights

- Update of Regulatory guide for waste management facilities
- National Radioactive Waste Management Act 2012 (NRWMA) has been enacted
- PSR for OPAL reactor is being undertaken
- Decommissioning of MOATA completed

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Australia - Overview

Type of Liability	Long-term management policy	Funding of Liabilities	Current practice / Facilities	Planned facilities
Spent fuel	US origin spent fuel repatriated. Non-US SF exported for reprocessing. Resulting ILW for storage pending transfer to national facility	State funded	US: on-site storage followed by repatriation Non-US: on-site storage followed by overseas reprocessing and return of waste	ILW storage facility on-site; national storage facility
Nuclear fuel cycle wastes	On-site disposal (mining tailings)	Mine owner (bond). State funding for legacy wastes	On-site disposal	
Non-power wastes	Commonwealth, State and Territory management of LLW and ILW	Commonwealth: state Other: owner	WA: disposal Other: storage at site of generation or central state storage facility	National radioactive waste management facility (NRWMF)
Decommissioning liabilities	Planned decommissioning of HIFAR research reactor. New OPAL reactor has met decommissioning plan requirements	State funded	MOATA – fully decommissioned HIFAR – licence granted to possess and control facility	NRWMF
Disused Sealed Sources	Repatriation to manufacturer where possible	Owner	Repatriation to manufacturer where possible; otherwise storage	NRWMF

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Australia – 3rd RM Follow-up

- Establishment of facilities for long term radioactive waste management.
 - ✓ In progress
- Contingency plan for storage of returned LILW-LL reprocessing waste
 - ✓ Substantial progress made for return of ILW reprocessing waste however still ongoing
- Remediation of legacy mining sites
 - ✓ Still ongoing
- Maintaining appropriate levels of skill and Expertise in regulatory bodies and operators
 - ✓ Still a challenge

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Australia – Good Practices

- Participation on IRRS activities
- Consideration of only volunteer sites for national radioactive waste management facility
- Updated regulatory guidance for storage and disposal incorporating international best practice
- Strong legislative requirements to comprehensive community and stakeholder consultation
- Providing regional training and guidance in decommissioning of research reactors

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Australia - Challenges

- Establishment of a national RAW management facilities for disposal of LLW and storage of ILW
- Licensing for final dismantling of decommissioning of HIFAR
- Engagement of Public and stakeholder on decision making
- Maintaining skills and expertise of regulator and operator
- Development of national strategy for disposal of ILW
- Extended storage of LLW & ILW at ANSTO from reprocessing of spent fuel if NRWMF is significantly delayed
- Establishing national clearance levels

Australia – Planned Measures to Improve Safety

- Implementation of recommendations of the IAEA IRRS (Nov 2011)
- Implementation of lessons learned from decommissioning of MOATA