

## **Appendix M**

# **Compliance with NDA IWS Specification**

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NDA REQUIREMENT	MAGNOX LTD (2011)	SITE APPENDICES
<b>1 EXECUTIVE SUMMARY</b>	<b>EXECUTIVE SUMMARY (stand-alone report)</b>	
<b>2 INTRODUCTION</b>	<b>1 INTRODUCTION</b>	<b>1 INTRODUCTION</b>
• Site Descriptions	1.1 Magnox Limited	1.1 Site Description
• Key Relevant Facilities	1.2 Key Relevant Facilities	1.2 Key Relevant Facilities
• Relevant History to waste strategy	1.3 Relevant History to Waste Strategy	1.3 Relevant History to Waste Strategy
• Current and Future Status	1.4 Current and Future Status	1.4 Current and Future Status
• Key Decommissioning Milestones	<ul style="list-style-type: none"> <li>○ Decommissioning Phases Diagram</li> <li>○ Key Decommissioning Milestones Table</li> </ul>	<ul style="list-style-type: none"> <li>○ LC35 Decommissioning Milestones Table</li> </ul>
• Assumed Final End Points	<i>Moved to 3.4</i>	
• Statement of Site Objectives	1.5 Magnox Objectives	1.5 Site Objectives
• Significant Changes from Previous IWS	1.6 Significant Changes from Previous IWS	1.6 Significant Changes from Previous Site IWS
<input type="checkbox"/>	1.6.1 Changes to the IWS	
<input type="checkbox"/>	1.6.2 Significant Developments and Achievements	
<b>3 WASTE MANAGEMENT POLICY, ORGANISATION AND ARRANGEMENTS</b>	<b>2 WASTE MANAGEMENT POLICY, ORGANISATION AND ARRANGEMENTS</b>	<b>2 WASTE MANAGEMENT POLICY, ORGANISATION AND ARRANGEMENTS</b>
3.1 Statement of Policy and Principles	2.1 Statement of Policy and Principles	2.1 Legislation, Policy and Principles
	2.1.1 Magnox Ltd Radioactive Waste Management Principles	
	2.1.2 Magnox Ltd Safety Principles	
	2.1.3 Magnox Ltd Environment, Health & Safety Policy	2.1.1 National Regulatory Environment
	2.1.4 National Policy and Regulatory Environment	2.1.2 Local and Regional Waste Management Plans
	2.1.5 Application of the Waste Hierarchy	2.1.3 Statement of Site Policy and Procedures
	2.1.6 Sustainable Development	
	2.1.4 Good practice guidance	
3.2 Waste Management Organisation	2.2 Waste Management Organisation	2.2 Waste Management Organisation
	2.2.1 Company Functions	2.2.1 Key Waste Management Roles and

NDA REQUIREMENT	MAGNOX LTD (2011)	SITE APPENDICES
		Responsibilities
	2.2.2 Waste Department	2.2.2 Land Quality Management
	2.2.3 Site Organisational Structure	
3.3 Waste Management Arrangements	2.3 Waste Management Arrangements	2.3 Waste Management Arrangements
	2.3.1 Overview of Integrated System	2.3.1 Overview of Integrated System
	2.3.2 High Level Management Arrangements	
	2.3.3 Working Level Management Arrangements	
	2.3.4 Accreditation Status	2.3.2 Accreditation Status
	2.3.5 Waste Minimisation	2.3.3 Waste Minimisation
	2.3.6 Maintenance and Review of Arrangements & Equipment	2.3.4 Maintenance and Review of Arrangements & Equipment
	2.3.7 Sharing of Good Practice	2.3.5 Sharing of Good Practice On and Off Site
	2.3.8 Research & Development Requirements	2.3.6 Research & Development Requirements
	2.3.9 Competency and Skills	2.3.7 Competency and Skills
	2.3.10 Management of Records	2.3.8 Management of Records
	2.3.11 Management of Interfaces with Other Sites	2.3.9 Management of Interfaces with Other Sites
<b>4 FORMULATION OF INTEGRATED WASTE MANAGEMENT STRATEGY</b>	<b>3 FORMULATION OF INTEGRATED WASTE MANAGEMENT STRATEGY</b>	<b>3 FORMULATION OF INTEGRATED WASTE MANAGEMENT STRATEGY</b>
4.1 Method for Strategic Option Studies	3.1 Methodology for Strategic Option Studies	3.1 Method for Strategic Option Studies
	3.1.1 Best Practicable Environmental Option (BPEO) Studies	
	3.1.2 Best Practicable Means (BPM)	
	3.1.3 Non-Radioactive Wastes	
4.2 Site Prioritisation Logic	3.2 Site Prioritisation Logic	3.2 Site Prioritisation Implications
4.3 Waste Management Constraints and	3.3 Waste Management Constraints and	3.3 Waste Management Constraints and

NDA REQUIREMENT	MAGNOX LTD (2011)	SITE APPENDICES
Dependencies	Dependencies	Dependencies
<ul style="list-style-type: none"> <li>Regulatory Constraints and Dependencies</li> </ul>	3.3.1 Regulatory Constraints and Dependencies	3.3.1 Regulatory Constraints and Dependencies
<ul style="list-style-type: none"> <li>Financial Constraints and Dependencies</li> </ul>	3.3.2 Financial Constraints and Dependencies	3.3.2 Financial Constraints and Dependencies
<ul style="list-style-type: none"> <li>Timing Constraints and Dependencies</li> </ul>	3.3.3 Timing Constraints and Dependencies	3.3.3 Timing Constraints and Dependencies
<ul style="list-style-type: none"> <li>Technical Constraints and Dependencies</li> </ul>	3.3.4 Technical Constraints and Dependencies	3.3.4 Technical Constraints and Dependencies
<ul style="list-style-type: none"> <li>Transport Constraints and Dependencies</li> </ul>	3.3.5 Transport Constraints and Dependencies	3.3.5 Transport Constraints and Dependencies
4.4 Site End Points and Contaminated Land	3.4 Site End States	3.4 Site End States
	3.4.1 Assumed End States	3.4.1 Assumed End States
	3.4.2 End State Stakeholder Consultation	3.4.2 End State Stakeholder Consultation
	3.4.3 Land Quality	3.4.3 Land Quality, Including Land Contamination
4.5 Assumptions, Exclusions, Risks and Opportunities	3.5 Assumptions, Exclusions, Risks and Opportunities	3.5 Assumptions, Exclusions, Risks and Opportunities
	3.5.1 Assumptions and Vailidation Plans	3.5.1 Assumptions and Vailidation Plans
	3.5.2 Exclusions and Validation Plans	3.5.2 Exclusions and Validation Plans
	3.5.3 Risks and Mitigations Plans	3.5.3 Risks and Mitigations Plans
	3.5.4 Wastes Requiring Additional Treatment (WRAT)	
	3.5.5 Status of Agreements with Other Sites or Organisations	3.5.4 Status of Agreements with Other NDA Sites
	3.5.6 Opportunities	3.5.5 Plans to Realise Opportunities
4.6 Stakeholder Engagement	3.6 Stakeholder Engagement	3.6 Stakeholder Engagement
		3.6.1 Key Stakeholders
	3.6.1 Engagement with Regulators	3.6.2 Engagement with Regulators
		3.6.3 Stakeholder Engagement on Specific Waste Management Issues

NDA REQUIREMENT	MAGNOX LTD (2011)	SITE APPENDICES
	3.6.2 Communications	3.6.4 Communications
<b>5 OVERVIEW OF SITE WASTE STRATEGY</b>	<b>4 MAGNOX WASTE STRATEGY</b>	<b>4 SITE WASTE STRATEGY</b>
	4.1 Overview of Magnox Ltd's Decommissioning & Waste Strategy	
	4.2 Relationship between Magnox Strategies	
	4.2.1 Strategic Projects	
	4.2.2 Transition Strategy	
	4.2.3 Land Quality Strategy	
	4.2.4 Procurement Strategy	
	4.2.5 Resourcing and Skills Maintenance Strategy	
	4.2.6 Knowledge management	
	4.2.7 Waste Characterisation Strategy	
	4.3 Summary of Wastes Arisings	
<b>6 INTEGRATED WASTE MANAGEMENT STRATEGY</b>		
6.1 Radioactive Waste	4.4 Radioactive Waste	4.1 Radioactive Waste
	4.4.1 High Level Waste	4.1.1 High Level Waste
	4.4.2 Intermediate Level Waste	4.1.2 Intermediate Level Waste
	4.4.3 Low Level Waste	4.1.3 Low Level Waste
	4.4.4 Radioactive Sources	4.1.4 Radioactive Sources
	4.4.5 Nuclear Materials	4.1.5 Nuclear Materials
	4.4.6 Liquid Radioactive Waste Discharges	4.1.6 Liquid Waste Discharges
	4.4.7 Gaseous Radioactive Waste Discharges	4.1.7 Gaseous Waste Discharges
6.2 Non-Radioactive Wastes and Exempt Wastes	4.5 Non Radioactive Wastes and Exempt Wastes	4.2 Non Radioactive Wastes and Exempt Wastes
	4.5.1 Hazardous Non-Radioactive Waste	4.2.1 Hazardous Non-Radioactive Waste
	4.5.2 Non-Hazardous Non-Radioactive Waste	4.2.2 Non-Hazardous Non-Radioactive Waste

NDA REQUIREMENT	MAGNOX LTD (2011)	SITE APPENDICES
	4.5.3 Inert Non-Radioactive Waste	4.2.3 Inert Non-Radioactive Waste
	4.5.4 Non-Radioactive Liquid Discharges	4.2.4 Non-Radioactive Aqueous Discharges
	4.5.5 Non-Radioactive Gaseous Discharges	4.2.5 Gaseous Non-Radioactive Discharges
6.4 Waste Disposal and Transfer Routes	4.6 Waste Disposal and Transfer Routes	4.3 Waste Disposal and Transfer Routes
		4.3.1 Radioactive Waste
		4.3.2 Non-Radioactive Waste
<b>7 AREAS REQUIRING FURTHER DEVELOPMENT AND ACTION PLAN</b>	<b>5 FURTHER DEVELOPMENT AND ACTION PLAN</b>	<b>5 AREAS REQUIRING FURTHER DEVELOPMENT AND ACTION PLAN</b>
	5.1 Further Development	5.1 Areas Requiring Further Development
	5.2 Action Plan Updates	5.2 Action Plan
<b>8 CONCLUSIONS</b>	<b>6 CONCLUSIONS</b>	<b>6 CONCLUSIONS</b>
	<b>APPENDICES</b>	<b>ANNEXES</b>
	A-J SITE APPENDICES	Annex 1 -Waste Data Tables
<b>GLOSSARY</b>	K GLOSSARY & ACRONYMS	Annex 2 - Process Wiring Diagrams
	L LEGISLATION	Annex 3 - Environmental Permit/Radioactive Substances Act Authorisation