



RWMAC Home Page

**RWMAC's Annual Report for 2000-2001
Annex 6**

Document Navigation:

Ownership, Regulation and Operation of MOD Radioactive Waste Producing Sites

Site	Ownership			Basis of regulation and regulatory body		MOD assurance	Operation
	Site	Plant	Waste & Liabilities	On-site	Off-site		
Devonport naval base	MoD	MoD	MoD	NNRP (MoD "external" regulator ¹)	EA - pseudo RSA93	NNRP Authorisation	MoD
Devonport dockyard	DRDL	DRDL	MoD/DRDL ²	Nuclear Site License; NII	RSA93; EA	NNRP Authorisation	DRDL
Faslane naval base	MoD	MoD	MoD	NNRP (MoD "external" regulator ¹)	SEPA - pseudo RSA93	NNRP Authorisation	MoD
Coulport	MoD	MoD	MoD	NNPP - NNRP "external" regulator ¹ ; Nuclear weapons - possible role for MoD assurance &	SEPA - pseudo RSA93	Waste regulation - NNRP Authorisation; no assurance for nuclear	MoD

					regulatory body ³		weapons	
Rosyth dockyard	BRDL	BRDL	MoD	Nuclear Site License; NII	RSA93; SEPA	NNRP Authorisation	BRDL	
Aldermaston & Burghfield	MoD	MoD	MoD	Nuclear Site License; NII	RSA93; EA	Note ⁴	AWEML	
Vulcan	UKAEA	MoD	MoD	NNRP (MoD "external" regulator ¹)	SEPA - pseudo RSA93	NNRP Authorisation	MoD/Rolls-Royce	
Derby	Rolls-Royce	Rolls-Royce	Uncertain	Nuclear Site License; NII	RSA93; EA	NNRP assurance role not yet established	Rolls-Royce	
Eskmeals	MoD	MoD	MoD	EA - pseudo RSA93	EA - pseudo RSA93	DSEF-Pol ⁵	MoD	
Kircudbright	MoD	MoD	MoD	SEPA - pseudo RSA93	SEPA - pseudo RSA93	DSEF-Pol ⁵	MoD	
Small sources sites (Army Bases, MoD hospitals, ABRO, etc.)	MoD	MoD	MoD	Pseudo RSA93	Pseudo RSA93	DSEF-Pol ⁵	MoD	

Notes

1. NNRP is part of MoD and is therefore the Ministry's own regulator. However, it is independent of the Navy operational line. For those parts of the NNRP not subject to the civil provisions, NNRP may be described as an "external" regulator. Where the NNRP is subject to the civil provisions, NNRP provides MoD with assurance.
2. It is believed that some liabilities may attach to DRDL in respect of the decommissioning of plant developed since privatisation of the two dockyard sites.
3. RWMAC believes there is a need for a central, unified, MoD "external" regulatory and assurance body.

4. A major role of NWIPT is management of the AWEML contract. As part of this role, NWIPT provides MoD with some assurance of the adequacy of the contractor's waste management and decommissioning plans.
5. DSEF-Pol maintains oversight arrangements for nuclear safety, radiation protection, and radioactive waste management within MoD and appears to have de-facto assurance responsibilities for the smaller defence sites. The various **Health** and Safety at Work Acts (HSWAs), and the Ionising Radiations Regulations (IRRs), apply to these, and all other, defence sites. The HSWAs and IRRs are regulated by the **Health** and Safety Executive (HSE) which has agreed a set of principles with MoD governing the interface between the organisations on defence sites not licensed under NIA65.

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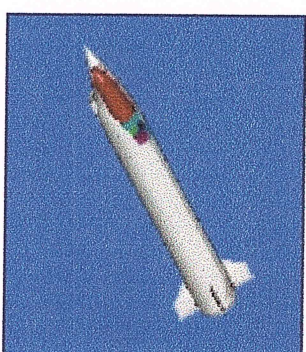
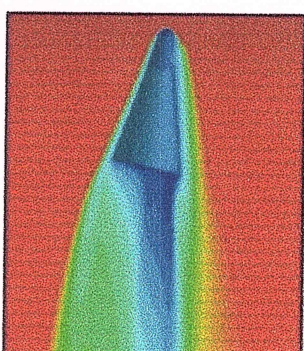
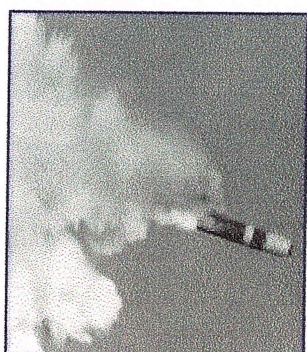
Our expertise includes detailed aerodynamic and aerothermal modelling capabilities from subsonic through to hypersonic and planetary re-entry. This is further enhanced by structural and structural dynamic expertise.

Our long involvement in this field has ensured that we have a good working knowledge of the requirements of the many stakeholders.

- Expertise in integrating complex and special payloads into aeroshells.
- Conceptual **design** and requirements analysis.
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- Aerothermal and aerodynamic assessments.
- Re-entry performance modelling.
- Weapon effects modelling.

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