

## Good Practices

<b>R&amp;D / Innovations</b>	<b>site</b>	<b>SLC</b>	<b>contact</b>	<b>email</b>	<b>phone</b>
<b>Opening up routes in North of Scotland to recycle exempt metals</b>	Dounreay	DSRL	John Smith	John Smith	EW
<b>ID</b>	<b>description</b>				
GP8-1	Currently opening up routes to allow recycling of exempt metals from Dounreay				
<b>1 waste category</b>	<b>2 waste type</b>	<b>3 waste life cycle</b>		<b>gain2</b>	<b>benefit3</b>
EW	metallic	Sorting/minimization			
<b>benefit1</b>	<b>gain1</b>	<b>benefit2</b>	<b>gain2</b>	<b>benefit3</b>	<b>gain3</b>
#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
<b>R&amp;D / Innovations</b>	<b>site</b>	<b>SLC</b>	<b>contact</b>	<b>email</b>	<b>phone</b>
<b>'Clean is Green'</b>	Dounreay	DSRL	John Smith	John Smith	John Smith
<b>ID</b>	<b>description</b>				
GP8-2	Put a system in place which allows waste from controlled areas to be consigned as clean.				
<b>1 waste category</b>	<b>2 waste type</b>	<b>3 waste life cycle</b>		<b>gain2</b>	<b>benefit3</b>
LLW	general/mixed	Sorting/minimization			
<b>benefit1</b>	<b>gain1</b>	<b>benefit2</b>	<b>gain2</b>	<b>benefit3</b>	<b>gain3</b>
Cost	N/A	N/A	N/A	N/A	N/A
<b>R&amp;D / Innovations</b>	<b>site</b>	<b>SLC</b>	<b>contact</b>	<b>email</b>	<b>phone</b>
<b>Recycling</b>	Springfields	Springfields Fuels Ltd	D Sheriker	D Sheriker	VLLW
<b>ID</b>	<b>description</b>				
GP17-1	Waste minimisation and recycling projects - a site wide project has been set up to improve segregation of general waste, initially in office areas, into streams such as paper and cardboard, plastic drinks cups / bottles, aluminium cans. This waste is then sent for recycling rather than to landfill with the rest of the site's general waste. The project will then be expanded if successful. Ultimately, this scheme is working towards the removal of dustcart waste from disposal under RSA 1993.				
<b>1 waste category</b>	<b>2 waste type</b>	<b>3 waste life cycle</b>		<b>gain2</b>	<b>benefit3</b>
VLLW	general/mixed	Sorting/minimization			
<b>benefit1</b>	<b>gain1</b>	<b>benefit2</b>	<b>gain2</b>	<b>benefit3</b>	<b>gain3</b>
Segregation	N/A	waste categorization	N/A	N/A	N/A
<b>R&amp;D / Innovations</b>	<b>site</b>	<b>SLC</b>	<b>contact</b>	<b>email</b>	<b>phone</b>
<b>Decontamination and monitoring</b>	Springfields	Springfields Fuels Ltd	D Sheriker	D Sheriker	D Sheriker
<b>ID</b>	<b>description</b>				
GP17-2	The Decontamination Centre A676 is available for decontamination of mainly metallic waste. The facility utilises acid washing to reduce the surface contamination to levels suitable for recycling or disposal at landfill. Additionally, improved monitoring techniques have been investigated and developed in order that material such as steel can be monitored to free release levels and hence sent for recycling (resale) The work being carried out here reduces the quantities of material that would otherwise be disposed of to LLWR.				
<b>1 waste category</b>	<b>2 waste type</b>	<b>3 waste life cycle</b>		<b>gain2</b>	<b>benefit3</b>
EW	general/mixed	Decontamination			
<b>benefit1</b>	<b>gain1</b>	<b>benefit2</b>	<b>gain2</b>	<b>benefit3</b>	<b>gain3</b>
Cost	N/A	Segregation	N/A	N/A	N/A
<b>R&amp;D / Innovations</b>	<b>site</b>	<b>SLC</b>	<b>contact</b>	<b>email</b>	<b>phone</b>
<b>Recovery &amp; recycle of Uranium / zirconium swarf and plugs</b>	Springfields	Springfields Fuels Ltd	D Sheriker	D Sheriker	D Sheriker
<b>ID</b>	<b>description</b>				
GP17-3	Uranium / zirconium swarf and plugs in kerosene - a BPEO study highlighted the preferred option of dealing with this hazardous material as transporting the material to USA for processing. However transport requirements indicated that kerosene would have to be replaced with oil, hence a redrumming exercise was undertaken. This exercise was successful and material was shipped offsite for recovery and recycle in October 2007, a primary aim was to develop a route to process/discharge the liability for these materials to avoid the creation of LLW				
<b>1 waste category</b>	<b>2 waste type</b>	<b>3 waste life cycle</b>		<b>gain2</b>	<b>benefit3</b>
LLW	combustible	Disposal			
<b>benefit1</b>	<b>gain1</b>	<b>benefit2</b>	<b>gain2</b>	<b>benefit3</b>	<b>gain3</b>
Cost	N/A	Productivity	N/A	N/A	N/A
<b>R&amp;D / Innovations</b>	<b>site</b>	<b>SLC</b>	<b>contact</b>	<b>email</b>	<b>phone</b>
<b>Characterisation of asbestos</b>	Springfields	Springfields Fuels Ltd	D Sheriker	D Sheriker	D Sheriker
<b>ID</b>	<b>description</b>				
GP17-4	Characterisation of asbestos waste and determination of disposal route (waste previously highlighted as requiring disposal at LLWR) - a project was undertaken to identify the current inventory of asbestos waste and investigate appropriate disposal routes. This involved segregating the waste into types and performing characterisation / monitoring where possible. A significant proportion of the waste was monitored as suitable for disposal at an appropriate facility and further recommendations were made for the remaining material. A primary aim was to develop a route to process/discharge the liability for these materials and avoid categorisation as LLW				
<b>1 waste category</b>	<b>2 waste type</b>	<b>3 waste life cycle</b>		<b>gain2</b>	<b>benefit3</b>
LLW	compactable	Characterization			
<b>benefit1</b>	<b>gain1</b>	<b>benefit2</b>	<b>gain2</b>	<b>benefit3</b>	<b>gain3</b>
Segregation	N/A	waste categorization	N/A	Cost	N/A
<b>R&amp;D / Innovations</b>	<b>site</b>	<b>SLC</b>	<b>contact</b>	<b>email</b>	<b>phone</b>
<b>Characterisation of Process Waste as Exempt Waste</b>	Sellafield	Sellafield Ltd	Laurence Cook	Laurence Cook	Laurence Cook
<b>ID</b>	<b>description</b>				
GP15-1	Within the Sellafield Separation area a bag monitoring process has been established that consists of a dual stage monitoring process that allows operators to exempt bagged separation area wastes. The process relies on robust fingerprint data to technically underpin the process				
<b>1 waste category</b>	<b>2 waste type</b>	<b>3 waste life cycle</b>		<b>gain2</b>	<b>benefit3</b>
EW	general/mixed	Characterization			
<b>benefit1</b>	<b>gain1</b>	<b>benefit2</b>	<b>gain2</b>	<b>benefit3</b>	<b>gain3</b>
Cost	N/A	N/A	N/A	N/A	N/A
<b>R&amp;D / Innovations</b>	<b>site</b>	<b>SLC</b>	<b>contact</b>	<b>email</b>	<b>phone</b>
<b>Waste Clearance</b>	Sellafield	Sellafield Ltd	Laurence Cook	Laurence Cook	Laurence Cook
<b>ID</b>	<b>description</b>				
GP15-2	<p>The application of the nuclear industry code of practice on characterisation and clearance principles has been captured within a Sellafield Site Procedure. The implementation of the new arrangements for clearance and exemption will replace CAMDACs (Controlled Area Materials Dispatch Approval Certificates), RPR109, SP306 and SP003.</p> <p>The new arrangements at Sellafield are being implemented in two phases. The first phase started in January, with the new arrangements 'going live' on 8 September 2008. The second phase will follow, concluding with the documentation coming into effect on 19 January 2009.</p> <p>The new arrangements (MSTD024, SSP 2.14 and associated documents) are now available in the 'Issued for Implementation' folder on the Link Maps.</p> <p>The role of the Despatching Officer (DO) will be replaced with Local Clearance Co-ordinators (LCCs). A much smaller number of LCCs will be the designated sentencing authority for all items, materials and waste from their area. There will also be additional responsibilities on the owners of items, materials and wastes. Owners (i.e. consigners, despatchers, etc) will be responsible for:</p> <ul style="list-style-type: none"> <li>• Considering the implications for removal of an item / material from the Controlled Area (Contamination) (CAC) prior to taking it into the area (Waste Management Hierarchy).</li> <li>• Monitoring and recording the provenance, history and use of each item within their ownership.</li> <li>• Planning clearance activities in advance.</li> <li>• Seeking out the appropriate LCC to complete the clearance process.</li> <li>• Providing true and correct information to the LCC.</li> <li>• Undertaking the activities as requested by the LCC to support the clearance process, and ultimately the sentencing decision.</li> <li>• Organising and obtaining all relevant information for clearance, e.g. monitoring certificates and sampling.</li> <li>• Considering other hazards and requirements associated with the material - see SSP 2.06.</li> <li>• Ensuring that the item is disposed of / transferred using the appropriate disposal route / property pass procedure. Additionally a Clearance and Exemption Help Desk has been established to assist with enquiries etc.</li> </ul>				
<b>1 waste category</b>	<b>2 waste type</b>	<b>3 waste life cycle</b>		<b>gain2</b>	<b>benefit3</b>
EW	general/mixed	Waste Generation			
<b>benefit1</b>	<b>gain1</b>	<b>benefit2</b>	<b>gain2</b>	<b>benefit3</b>	<b>gain3</b>
N/A	N/A	N/A	N/A	N/A	N/A