



**Dounreay Site
Restoration Ltd**

RSA AUTHORISATION TO IEP

DSRL SITE NEEDS

Gaseous

Liquid

Date: DSG – 9th December 2009



Dounreay Site
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RSA AUTHORISATION TO IEP

- Extant Authorisation in 3 parts
 - Gaseous Certificate RSA/N/50010/99 as varied
 - Liquid Certificate RSA/N/50011/99 as varied
 - Solid Certificate RSA/N/50012/99 as varied
- Based on a 1993 application to cover
 - Reactor Operation
 - Fuels reprocessing
 - Nuclear material recovery
 - Limited decommissioning



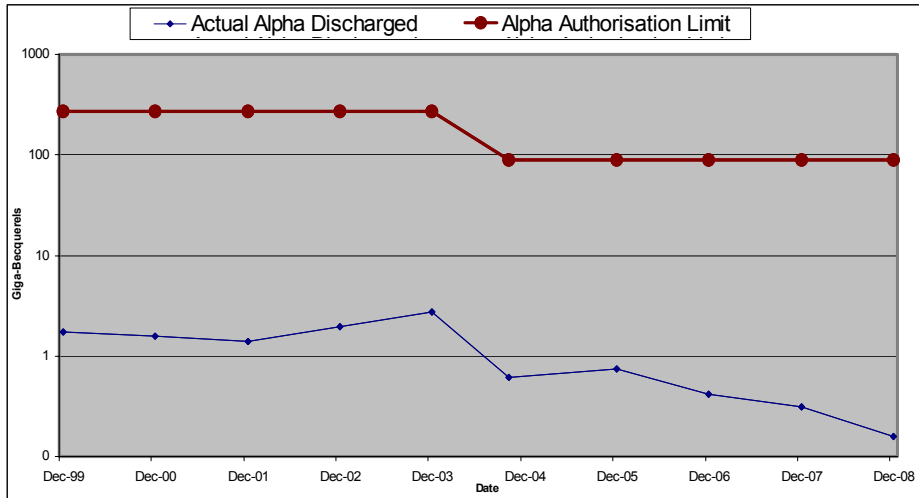
RSA AUTHORISATION TO IEP

- Application is to be made to SEPA for a “New Authorisation” that is focused on decommissioning the Dounreay site up to the IEP
- The Application Programme

August	Application submitted to DEC	COMPLETE
August/Sept	Revisions and finalise application	COMPLETE
Mid September	Application signed off by Company Secretary	COMPLETE
End September	Application sent to SEPA	COMPLETE
2009 – 2011	Consultation on application	
Early 2012	SEPA issue new RSA Authorisation	



Historical Liquid Alpha Discharges

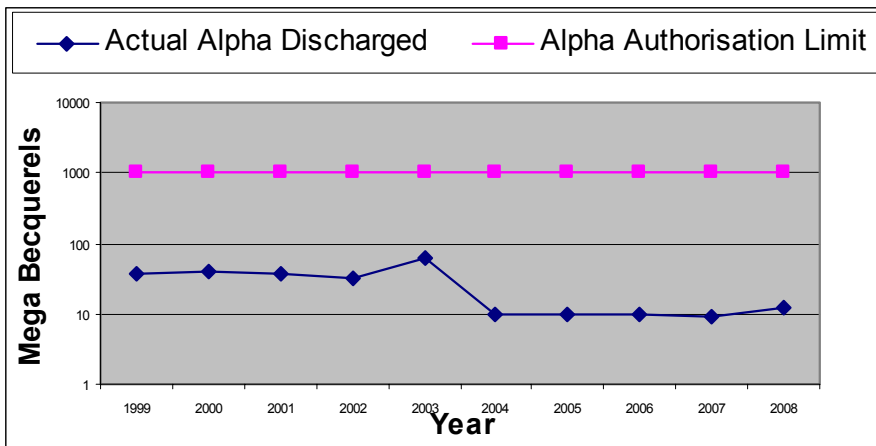


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Historical Gaseous Alpha Discharges



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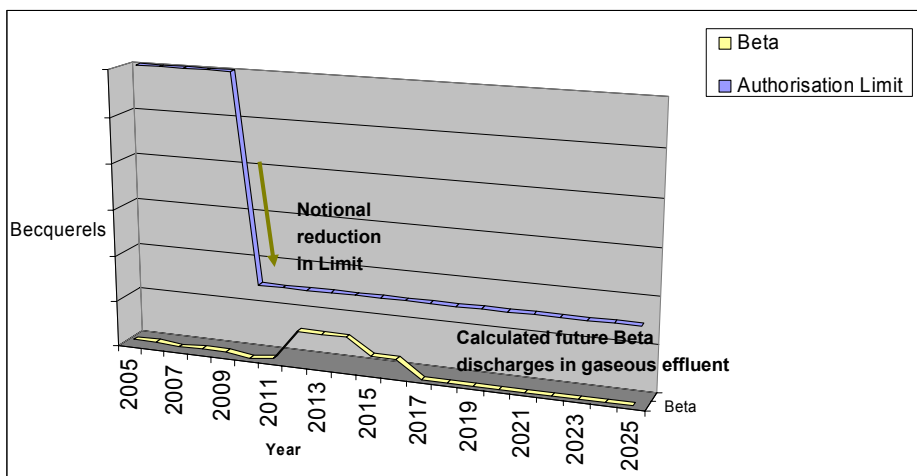
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Decommissioning the Site

- Decommissioning is a project-based activity
- Leads to peaks and troughs in the discharge profile
- Dounreay anticipates the new RSA Authorisation limits will take account of the peaks



Future Gaseous Discharges compared to a notional lower limit



Future Liquid Discharges compared to a notional lower limit

