



**Dounreay Site
Restoration Ltd**

DSG (2010) CO71

**Dounreay Site
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20 July 2010

Dear Bob

DOUNREAY SITE RESTORATION LTD (DSRL) APPLICATION FOR LANDFILL PERMIT

You may recall discussions at the Dounreay Stakeholder Group (DSG) meetings in December 2009 and March 2010 on the control of storing non-radioactive waste for re-use, ie demolition rubble. Under environmental legislation designed to prevent spoil heaps, such material cannot be stored for longer than three years.

To comply with this legislation means that approximately 30,000 tonnes of rubble, which is currently stored on site would have to be removed and disposed of to an authorised landfill site and then in the latter stages of the decommissioning programme, DSRL would need to import fresh hardcore to complete site remediation. DSRL estimates that a further 1 million tonnes of rubble will be created during site demolition much of which can be recycled as hardcore and backfill.

With this in mind, DSRL will be submitting a landfill application to Scottish Environment Protection Agency (SEPA) to designate the current on-site storage area for rubble as a landfill to comply with the legislation. This will allow DSRL to store material for more than three years prior to its re-use. The application will be made for Dounreay produced materials only and will not be open for general use at any time. By doing this DSRL can avoid transport and disposal costs, which could run into millions of pounds and also minimises the impact of transportation if the rubble had to be removed from site.

DSRL have been working closely with SEPA to identify the appropriate authorisations required for a recycling operation and an application is expected to be submitted later this year.

If you have any questions, we can talk about them at the next meeting of the DSG.

Yours sincerely

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