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# **Guidance on requirements for release of nuclear sites from radioactive substances regulation (GRR document)**

**Robert E (Bob) Smith  
Environment Agency**

**NuLeAF Radwaste Planning Group Meeting  
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# GRR Consultation

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- GRR consultation published 15<sup>th</sup> February 2016
- Consultation documents available on SEPA website:
  - <https://consultation.sepa.org.uk/operations-portfolio/grr>
- Instructions for responding to consultation also on website
- Consultation closing date 9<sup>th</sup> May 2016

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# Our Approach

# Concepts & Terms Used in GRR

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**RSR (Radioactive substances regulation)** – The regulatory regime applied by the environment agencies on nuclear sites (and in other places where radioactive substances are used).

**WMP (Waste management plan)** – The comprehensive plan we require the nuclear site operator to maintain for managing all the radioactive waste that exists and will arise on the nuclear site.

# Concepts & Terms Used in GRR

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## SWESC (Site-wide environmental safety case) –

The collection of technical documents acceptable to us that we require the nuclear site operator to maintain, showing that people and the environment are adequately protected from the radioactivity on site and will continue to be adequately protected at all times in the future.

(The WMP and SWESC are closely connected.)

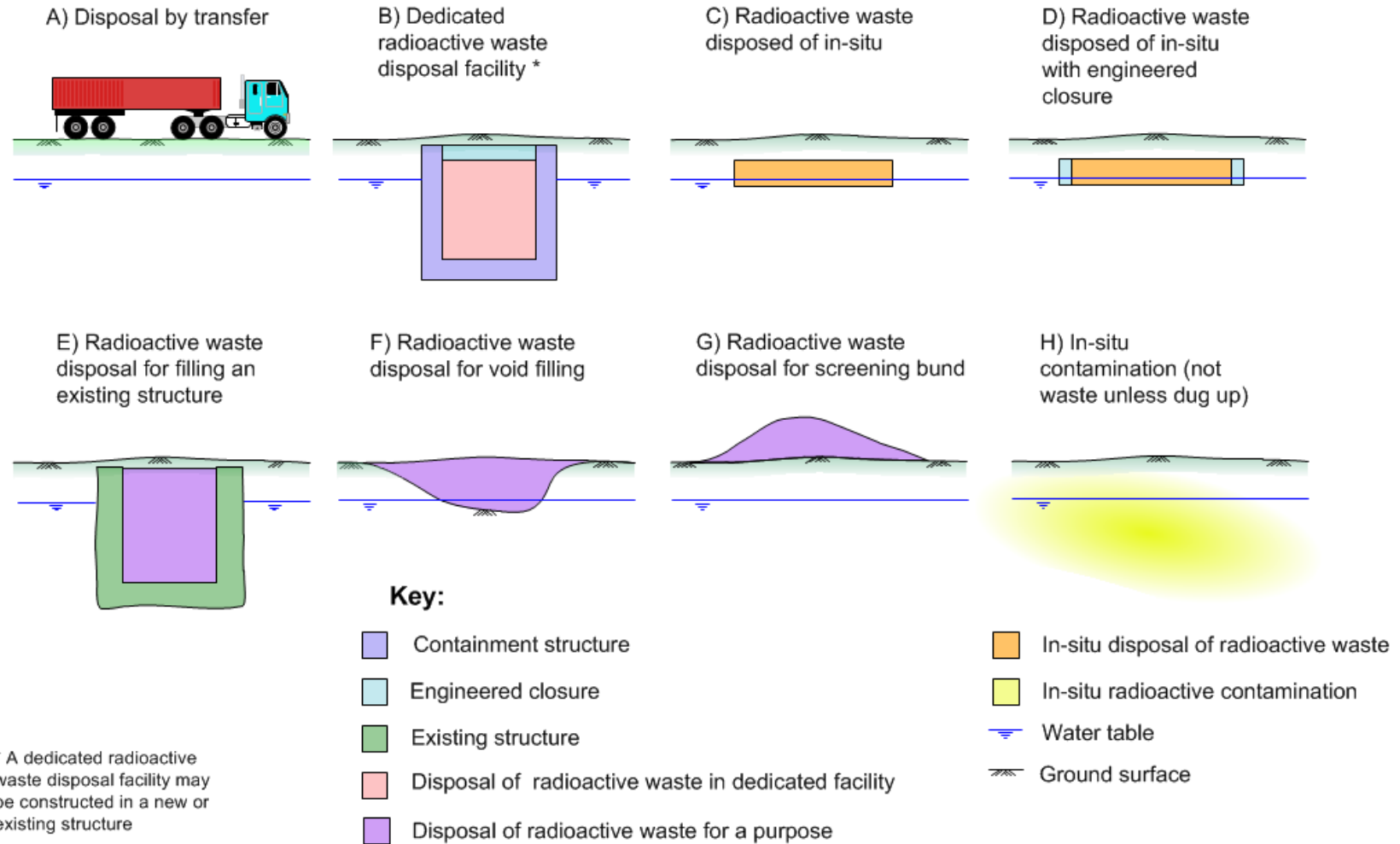
# Concepts & Terms Used in GRR

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**Restricted use (of the nuclear site)** – The site-wide environmental safety case continues to depend on certain restrictions being imposed on the use of the nuclear site.

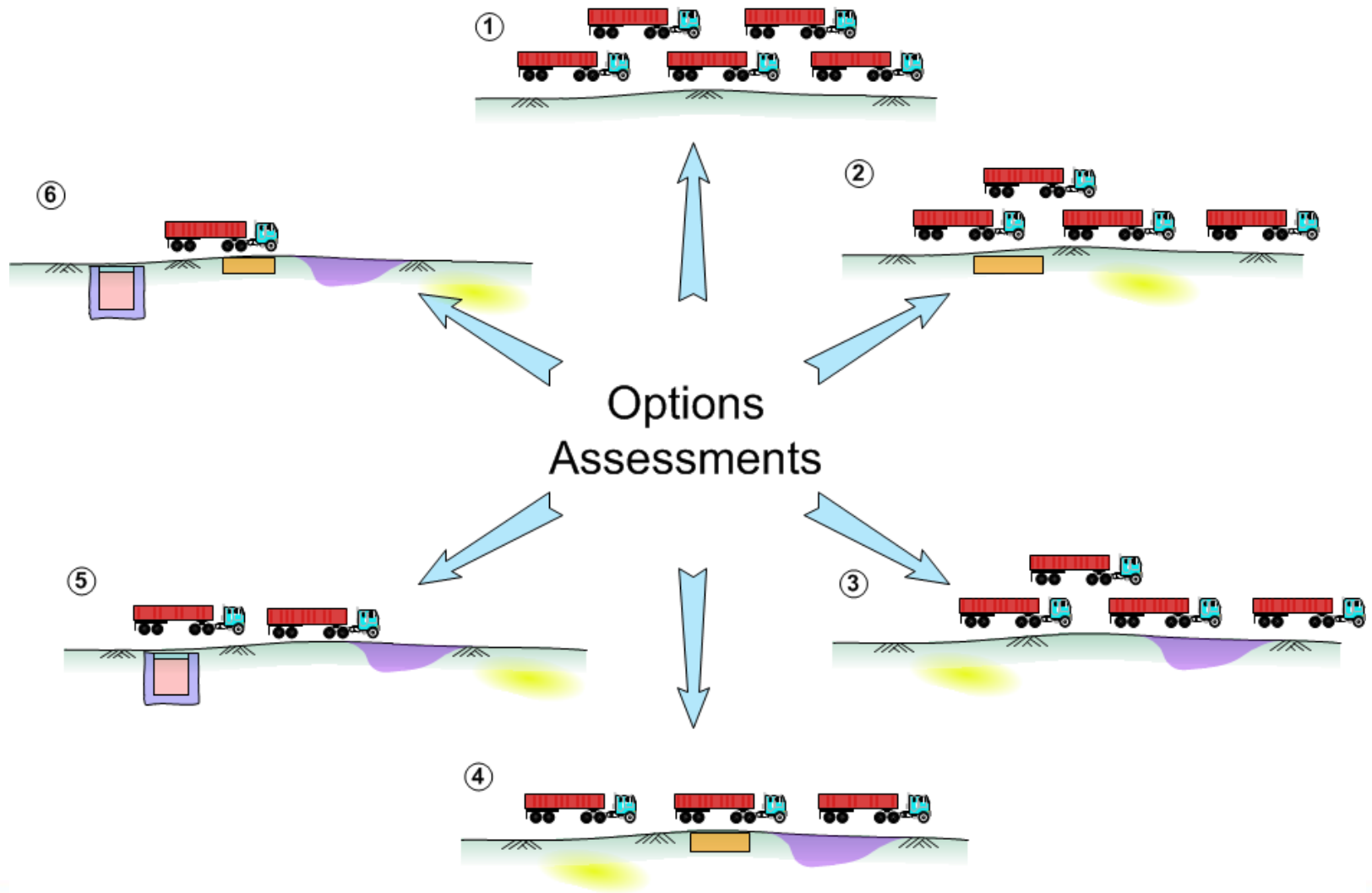
**Unrestricted use (of the nuclear site)** – The site-wide environmental safety case no longer depends on any restrictions being imposed on the use of the nuclear site.

- Possible disposition of radioactivity from a decommissioning nuclear site



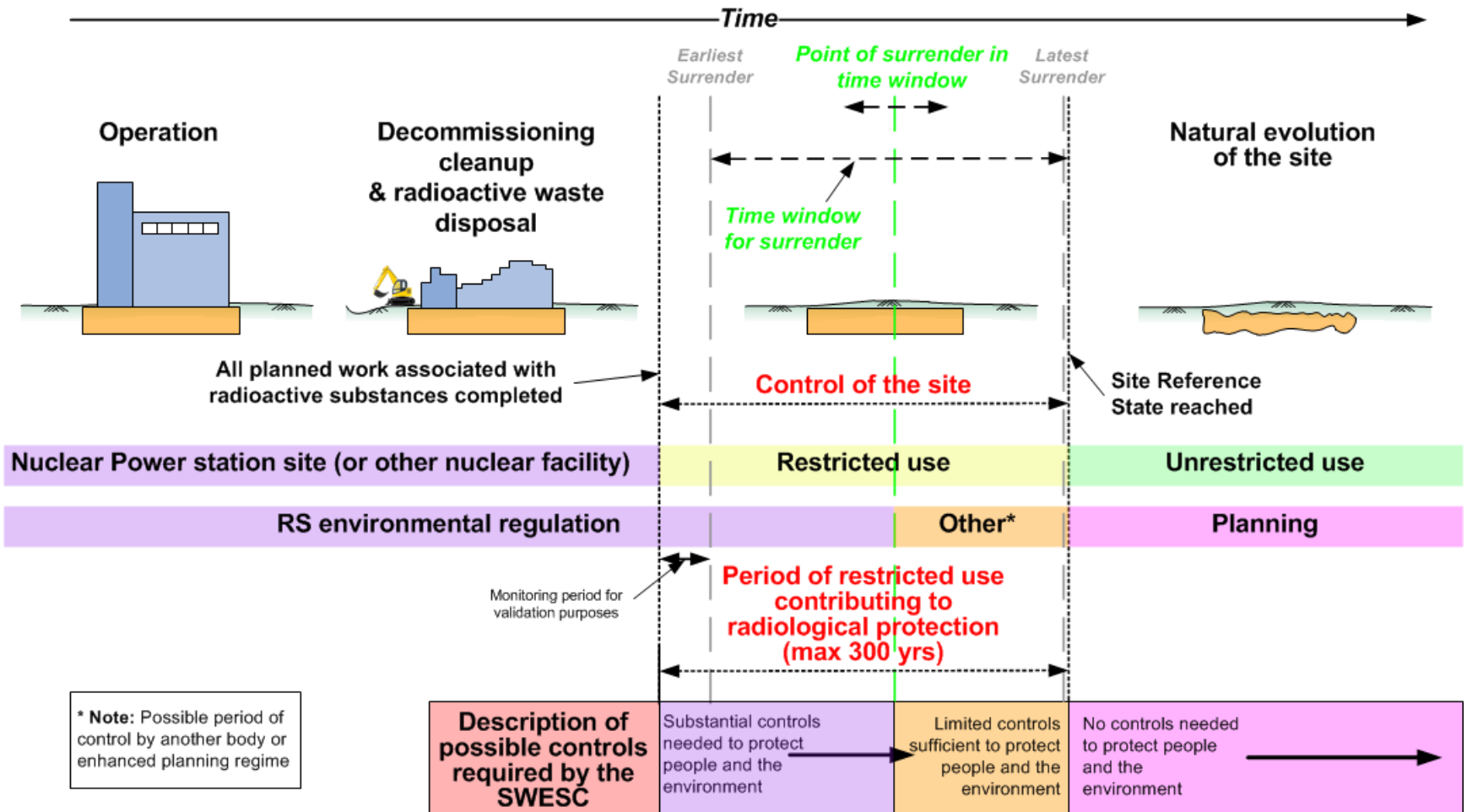
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- Options assessments to develop optimised WMP





- Control of nuclear site during and after decommissioning



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# Paragraph from GRR:

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8.2.4 When applying for release from RSR [radioactive substances] regulation, the operator will need to show through the SWESC [site-wide environmental safety case] that the site is either already suitable for unrestricted use, or that there are adequate controls in place to maintain any necessary restrictions after release until the site is suitable for unrestricted use.

# Paragraph from GRR:

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8.2.5 The overall progression towards release, the relationship between the WMP [waste management plan] and SWESC [site-wide environmental safety case], and the potential timings of release are shown in Figures 2\* and 4. These are indicative only. The timings for the preparation of the WMP/SWESC and planned works, etc., are site-specific and for existing sites will necessarily reflect their current position on the timeline shown in Figures 2 and 4. In addition, different parts of a site may be at different stages in the lifecycle, leading potentially to some parts of a site being released from RSR [radioactive substances regulation] earlier than others.

\*Figure shown earlier – Figure 4 is in the same style but gives additional information.

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# Thank you

# Any questions or comments?