

UK ABWR

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UK ABWR Generic Design Assessment

Generic PCSR Sub-chapter 18.1 : Source Terms



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18.1.1 Shielding Source Term and Activity Balance Source Term

Shielding source term and activity balance source term are described in [PCSR Ch.20 Radiation Protection] and will be described in the related reports or documents developed in Steps 3 and 4.

18.1.2 Source Term For Discharge

The radioactivity discharges are evaluated in two cases; normal operation and fault condition. The source term for normal operation is described in [Ref-1] and will be described in the related reports or documents developed in Steps 3 and 4. The source term for fault condition is described in each PCSR chapter related to fault assessment and will be described in the related reports or documents developed in Steps 3 and 4.

18.1.3 Radioactive Solid Waste Inventory

Radioactive solid waste inventory is described in [Ref-2] and will be described in the related reports or documents developed in Steps 3 and 4.

18.1.4 References

[Ref-1] Quantification of Discharge and Limits, GA91-9901-0025-00001; HE-GD-0004, Rev.D.

[Ref-2] Radioactive Waste Management Arrangement, GA91-9901-0022-00001; WE-GD-0001, Rev.D.