

Management Environment Health & Safety Committee

REPPIR Consequences Report Review

REPPIR’ means ‘Radiation (Emergency Preparedness and Public Information) Regulations’ (Reference 1).

‘HECA’ means ‘Hazard Evaluation and Consequence Assessment’.

This paper is being presented to the MEHSC for consideration* and:

Approval		For matters directly concerned with the Safety Case or Management of Safety within the operating area, the committee considers a paper and recommends that the ‘EHS&Q Duty Holder’ (e.g. Head of Programme Delivery) approves the paper.
Endorsement	√	For other safety matters in the operating area, the committee can endorse a paper giving their seal of approval to something that is to be done or has been done.
Noting		Papers from a subordinate committee (e.g. PMP/Event review...) are noted , as are those submitted for awareness.

*When considering a paper, the committee reviews it for adequacy, accuracy, and completeness, and advises the chairman or paper owner accordingly. Papers for noting can be considered to assess the impact on the operating area or to advise the Duty Holder if any action should be taken.

Purpose of the Paper

REPPIR (Reference 1) Regulation 6 requires a three-yearly review of the LLWR REPPIR 2019 Hazard Evaluation report incorporating the Consequence Assessment, Issue 2, April 2020 (Reference 2). The Formal 3-yearly review of the REPPIR HECA for the LLWR Site (Reference 3) review has been carried out, submitted and endorsed by MEHSC.

On the basis of the formal 3-yearly review of the REPPIR HECA review, the Emergency Arrangements Manager will decide whether to amend the Consequences Report (Reference 4) or make a declaration that there is no change of circumstances which would affect the Consequences Report (Reference 4).

Executive Summary

Issue 2 of the REPPIR HECA concluded that:

- An aircraft crash may constitute a radiation emergency, so an on-site emergency plan was required.
- No emergency actions were required.
- In the event of an aircraft crash onto the Drum Store, once Cumbria Fire and Rescue arrive, they should be asked to access any largely enclosed areas using self-contained breathing apparatus.

Reference 2 has now been reviewed against the following considerations:

- There are no significant changes in the REPPIR regulations that affect Reference 2.
- There are no changes to hazards.
- The public Dose Release Ratios have not changed.
- Changes in the radioactive inventory on the LLWR Site do not require any changes to Reference 2.

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Therefore, Reference 2, including its conclusions, is still considered to be valid as the LLWR Site REPPIR HECA.

In accordance with Regulation 6(2)(b) this is a declaration that the previous consequences report [Reference 4] under Regulation 7(1) continues to provide the necessary information for the local authority to prepare an adequate off-site emergency plan. Based on the conclusions of the 3-yearly review of the REPPIR HECA for the LLWR Site [Reference 3 MEHSC P(22)27 dated February 2023], there has been no change in circumstances or material change which affects the previous hazard evaluation and consequence assessment produced in accordance with Regulations 4(1) and 5(1).

There is also a recommendation that consideration should be given to revising Reference 2 by the time of the next scheduled 3-yearly review, in order to take account of changes in inventory, both in the Drum Store and in ungrouted containers.

Approvals	Name & Designation	Signature	Date
Prepared By:	Neil Warwick		
	Emergency Arrangements Manager		
Checked By:	Mike Cunningham		
	Lead RPA		
Approve to Issue to MEHSC By:	Gary Cunningham		
	Deputy Head of Site		
Endorsed by MEHSC:	Gary Cunningham		
	Chair, MEHSC		
Approved By:	Neil Warwick		
	Emergency Arrangements Manager		

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References

- 1 Radiation (Emergency Preparedness and Public Information) Regulations 2019, Approved Code of Practice and Guidance, 2nd Edition, 2020.
- 2 REPPiR 2019 Hazard Evaluation report incorporating the Consequence Assessment, Issue 2, April 2020.
- 3 Formal 3-yearly review of the REPPiR HECA for the LLWR Site MEHSC P(22)27.
- 4 LLWR, MEHSC P(20)10, Consequences Report, Issue 2, February 2020.