

Recommendation Status Report



Report Title	Train fire at South Gosforth
Report Number	18/2013
Date of Incident	08/01/2013

Rec No.	Status	RAIB Concern	Recommendation	RAIB Summary of current status
18/2013/01	Implemented	None	<p>The objective of this recommendation is that Nexus, with support from DBTW, should identify and mitigate the risk associated with electrical breakdown in the train line breaker assemblies.</p> <p>Nexus, supported by DBTW, should carry out a detailed assessment of the risk associated with faults in the line breaker unit, which should include:</p> <ul style="list-style-type: none"> • identification of actual and potential failure mechanisms and an estimate of their likely frequency; • consideration of the possible effects of line breaker faults, taking account of the configuration and reliability of the electrical protection systems currently provided on the Metro system; and • consideration of possible consequences, taking account of the potential for fire in high risk environments, such as tunnels. <p>Appropriate actions to reduce the risk and potential consequences of failures should be defined and implemented following the review (paragraphs 104a, 104b and 104c).</p>	<p>ORR has reported that Nexus, supported by DBTW has outlined the actions to be taken in response to the recommendation.</p> <p>ORR is seeking further information. ORR has reported that (Dutyholder name) has reported that it has completed actions taken in response to this recommendation. ORR proposes to take no further action unless they become aware that the information provided becomes inaccurate.</p>
18/2013/02	Implemented	None	<p>The objective of this recommendation is to facilitate passenger evacuation from trains using the emergency handles to release doors by identifying a maximum level of force required to operate them and then periodically checking that handles comply with the identified maximum.</p> <p>DBTW, supported by Nexus, should establish the maximum level of force required to enable a diverse range (such as 5th percentile female to 95th percentile male) of passengers to easily operate the emergency door release handles on the Metro car fleet, and implement the necessary inspection and maintenance processes to achieve it in practice, taking account of the</p>	<p>ORR has reported that DBTW, supported by Nexus has reported that it has completed actions taken in response to this recommendation.</p> <p>ORR proposes to take no further action unless they become aware that the information provided becomes inaccurate.</p>

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			need to balance the ease of operation in emergency with the risk of undesired door releases (paragraph 106a).	
18/2013/03	Implemented	None	<p>The objective of this recommendation is to improve the reliability of the radio communication system used on the Metro network.</p> <p>Nexus should review the communication systems used on the Metro network, establish an appropriate level of reliability/availability for them, and implement, in a defined timescale, the introduction of suitable improvements (paragraph 106b).</p>	<p>ORR has reported that Nexus has reported that it has completed actions taken in response to this recommendation.</p> <p>ORR proposes to take no further action unless they become aware that the information provided becomes inaccurate.</p>