

Transferable Lessons from Serious Operational Incidents / Investigations

**Issue No: WX120419****Date Issued: 12th April 2019**

The attempted re-energisation of an incorrect current isolation, which was still under possession.



Summary of Incident:

At 03:10 hours on 22nd March 2019, a Raynes Park Electrical Control Room Operator reported an irregularity had occurred within the ECR, whilst arrangements were being made to recharge a B1 current isolation associated with Item 167 Richmond-Gunnersbury (Anglia route)

The ECRO read the details of the B2 current isolation associated with item 157 LUL Durnsford Road - Point Pleasant (Wessex route) back to the Authorised Person in error

The AP did not challenge the incorrect details being read back and instead confirmed the ECRO's repeat back details as being correct

This led to the Raynes Park ECRO attempting to close a DC circuit breaker associated with the incorrect current isolation, which subsequently tripped on closure due to the presence of short-circuiting straps

The Raynes Park ECRO assumed this was a supervisory control issue due to past equipment failures, and as such, attempted to reclose another DCCB at the other end of the current isolation. This DCCB also tripped on closure

Urgent enquiries were then made, in communication with the PICOP of the B2 (Item 157) to establish the cause of the DCCBs failing to close, and it became apparent they were attempting to re-energise the incorrect current isolation

Staff were working within the B2 current isolation, and no injuries occurred

Learning points:

- Active listening is a vital non-technical skill when engaging in safety critical communications, regardless of whether you are delivering or receiving a message. All parties must always remain alert and vigilant. If any details appear incorrect, we all have a duty to highlight these errors
- When recharging a current isolation, if a DC circuit breaker trips on close, enquires must be made to establish the cause.

Points to consider and further actions and precautions:

- As Raynes Park is currently an electro-mechanical ECR requiring 2 ECRO to recharge an isolation – had the loudspeaker facility been utilised, whilst not accountable, the other ECRO who was not taking the call itself but was in the vicinity, *may* have heard the miscommunication, and in turn been able to highlight this prior to the attempted recharge
- A Formal Investigation into this event will take place

Briefed out to:

Senior ODMs, DC ECR managers