



Operator error during switching sequence

A Maintenance Operator received an Operational Control Record for a Grid Exit Point Feeder and proceeded to Isolate and Earth the circuit without confirmation that the Network company had isolated in their network first.

- Switching sequences need to have the full checking process applied to them.
- Operators need to agree with the actions on the sequence and fully understand the reason and consequence of each item.
- All items must be completed in a sequential manner with no instruction missed or skipped.

OPERATING SEQUENCE

Number:

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Action Date:...../...../.....

OBJECTIVE: To Isolate and Earth FKN 2752 for Assurance Issue.

Compiled by: B Hema

Approved by:.....

Checked (by actioner):.....

Item No	Start Time	At	ACTION	Finish Time
1		FKN	Accept OC	
2		FKN	Confirm Dalefield cct Isolated in Aurora Network	
3		FKN	Check 2752 Open	
4		FKN	Open 2754, Tag	
5		FKN	Check 2752 De-energised	
6		FKN	Close 2759, Tag	
7		FKN	Check 2752 Closed	
8		FKN	Select 2752 Protection Test Switch to Trip off, Tag (33kv room)	
9		FKN	Select 2752 Bus Zone F switch to Trip Off, Tag (Panel C6)	
10		FKN	Select 2752 Check Zone switch to Trip Off, Tag (Panel C2)	
11		FKN	Issue Assurance to Aurora for FKN 2752 (Dalefield)	

Item crossed off without receiving the confirmation.

Immediate actions

- Network company control desk operator phoned NGOC to query Transpower why the circuit earth had been closed without the operator receiving confirmation of the circuit being isolated first.
- Operator reported incident to management.
- Drug and Alcohol post event policy enacted.

For more information, please contact:

Name	Don Simms
Position	Service Delivery Manager
Mobile	021359124
Email	Don.simms@transpower.co.nz
Maximo No.	146842
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