

# Safety Alert – SA

## Transformer Rolled off rail during Removal



be mindful  
be present  
be safe

| Incident                            | Description   |                                     |  |
|-------------------------------------|---|-------------------------------------|--|
| <i>Date of Event:</i> 05/01/2019    | <i>Time:</i> 15:30  | <i>Location:</i> Kawerau Substation |  |
| <i>Investigation Status:</i>        | On-going  |                                     |  |
| <i>Event Description:</i>           | <p>A Contractor was removing a redundant transformer at the Kawerau Substation. During preparations for the physical lift and removal from site the transformer rolled off the end of the track, tipping over and coming to a rest on its radiators.</p> <p>Nobody was injured during the process and the transformer has since been stabilised and removed.</p> <div data-bbox="683 775 1099 1182" data-label="Image"> </div>  |                                     |  |
| <i>Potential Outcome:</i>           | This event had a high potential to result in serious harm to people and equipment.  |                                     |  |
| <i>Actions Required / Messages:</i> | <p>This event serves as a reminder for the following:</p> <ul style="list-style-type: none"> <li>• Only staff who are competent/experienced for the task should undertake these works and/or be supervised by someone who is.</li> <li>• A JSA must be completed before attempting any tasks of this nature.</li> <li>• When transferring loads between a transformer foundation and a traverser trolley, fishplates must be used between rails and the trolley.</li> <li>• The trolley must be propped to the same level as the rails and supported as the load is transferred to the trolley. Jacking points are often provided for this.</li> <li>• An appropriate methodology should be prepared and implemented.</li> <li>• Works need to be well planned and where any changes occur, teams need to revisit and ensure works can still be completed with the appropriate skills, equipment and plant on hand to ensure a successful outcome.</li> <li>• An exclusion zone must be created around the load to ensure no harm can come to staff.</li> </ul> |                                     |  |
| <i>SM-EI Reference:</i>             |   |                                     |  |
| <i>Incident Contact Person:</i>     | Brett Sweeny – brett.sweeny@northpower.com  |                                     |  |

Please email Safety Alert to [NPSAFE](mailto:NPSAFE@northpower.com) in Word Format.

SMS-FORM-006 First Alert / Safety Alert Template

Date of Issue: 15/02/2019

**Northpower**