



Safety Advice 05-2013 (NZ) (Jan) *(Transmission)*

The following Safety Alert courtesy of Transpower and Northpower outlines earthquake preparedness, response and hazard management at a station building refurbishment and equipment installation site. The full safety advice follows below.

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Safety Alert

SA- (Potential for serious harm/damage during Earthquake – BPE Project)

Date of issue: 21/01/2014

Issued by: Janine Wagstaff

Incident	Description
<i>Date of Event</i>	20.01.14
<i>Location</i>	Bunnythorpe Project – Palmerston North
<i>Time</i>	Approximately 4pm
<i>Injuries/Damage sustained</i>	No injuries sustained – minor damage resulting in broken window panes in Crane room
<i>Event Description</i>	The earthquake in the lower North Island caused some serious concerns for those staff working on the project at the time of the earthquake. There were two builders working on scaffold in the switchroom at the time and although shaken they were safe. That morning they had completed the majority of the new roof structural steel fixing and believe this prevented any damage to the new building which is temporarily propped and partially grouted. They had also just completed fixing two new Protection Panels in the existing building. Had this not been done they may have been subject to toppling. The Crane room sustained approximately 8 broken window panes.  Broken glass panes in crane room  Internal Scaffolding  Protection Panels

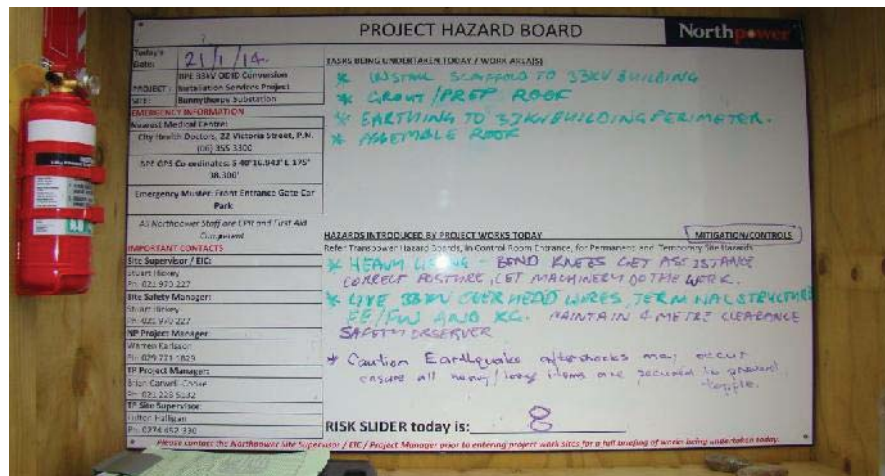
Initial Actions Taken

As soon as everyone was accounted for and the area made safe all staff exited.

An inspection of the main switchyard was carried out to ensure there were no signs of any damage and support offered to RCN if required. They waited until the Maintenance Contractor arrived and left site about 15 minutes later.

During this time a major fault occurred on the PowerCo Milson 1 33kV Feeder which affected the Local Service voltage at BPE, and smoke from a subsequent fire could be observed in the distance.

The Hazard Board has been updated to reflect the possibility of strong aftershocks.



Message

Lessons to be taken from this would be to ensure all heavy and unstable objects (Panels, Tilt Slabs etc.) are secured as soon as possible after erection *as was the case in this instance.*

For further information, please contact:

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SMS-FORM-006 Safety Alert Template