

Bent Plate Loop Fall Arrest Attachment Point

ISSUE IDENTIFIED:

A Service Provider was conducting work when they noticed potential quality issues with the Bent Plate Loop (BPL) Fall Arrest Attachment Point installation on the associated Transmission Towers.

Issues encountered were BPLs:

- incorrectly torqued and tightened.
- installed beside splices when they should not have been.
- not having the zinc primer sealing around the plate interface on non-painted towers.



CONTRIBUTING FACTORS:

- It appears BPLs were not installed as per Transpower Service Specification TP.SS 02.98 Transmission Lines Asset Maintenance Requirements, and therefore needed further inspection before use.
- The BPLs were installed prior to the development of current best practices outlined in SMP 02.98.201 T/Line Fall Arrest Attachment Point (FAAP).



ACTIONS TAKEN TO PREVENT REOCCURENCE:

- Towers subjected to the same installation issues were identified.
- Towers were re-visited to inspect/correct any BPLs not complying with requirements.
- This alert is being sent to Service Providers and Job Managers to emphasize the importance of following Service Specifications and SMPs.
- Transpower is reviewing the use of Fall Arrest Attachment Points.

LEARNINGS FROM THIS:

Service Providers are reminded of the importance of adhering to requirements of Transpower

- **Service Specification TP.SS 02.98 Transmission Lines Asset Maintenance**
- **Standard Maintenance Procedure (SMP) 02.98.201 T/Line Fall Arrest Attachment Point**

during Bent Plate Loop Fall Arrest Attachment Point installation and use for work.



**For more information,
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