

STOPThink! Milford HV Cable Damage



What happened?

The sheath of HV feeder F2205 was damaged with 110v breaker whilst clearing concrete from ducts and excavating for a new Under Road Crossing (URX) feeder route. The cable was leaking oil and a spill kit was placed. There was a switch out of the Feeder in place at the time of the incident (i.e. cable wasn't live), and a Vacuum Excavator had been used for the majority of the works.

Impacts

- There was no injuries, but the Feeder will remain isolated pending repair for up to a week.

Immediate action

1. COSS/HV Comp and operatives were stood down, for cause D&A testing completed (results pending)
2. Leaking oil contained, emergency spill protocol followed and Adler and Allen attended site to collect contaminated spill kits and apply remediation detergent
3. Reported through relevant railway reporting channels
4. NR Mobile Operations Manager and maintenance teams attended site
5. Maintenance supported by APS (Octavius jointing supplier) confirmed cable could not be repaired in situ.
6. Isolation & Earth (I&E) implemented to take feeder completely out of service
7. Planning for reinstatement has commenced, two viable options being progressed



Octavius staff and our suppliers must confirm that they:

- Ensure that appropriate control measures are in place when working around high voltage cables.
- Test and document emergency spill response arrangements
- If ground conditions are experienced which are not as planned, stop and seek assistance

