

# PATROL EMERGENCY PREPAREDNESS WORKSHOP – PARTICIPANT PACKAGE

## SIMULATED RPA PRACTICE EXERCISES

**Directions:** Detailed below are the scenarios for the RPA Practice Exercise. Read each scenario and document the damages as appropriate on the circuit map and the SRR Register for the Andrews Substation Feeder 09432.

### DAMAGE LOCATIONS

**Location 1:** A lateral fuse is blown. There is no other damage.

**Location 2:** A transformer fuse is blown. There is no other damage.

**Location 3:** There is a 1/0AA phase primary and 1/0A neutral wire down for 2 spans. There is a large tree that needs trimming. There is also a 50kVA transformer secondary bushing that is leaking oil.

**Location 4:** A, B, and C phase fuses are blown.

**Location 5:** There is a palm tree in the primary wire.

**Location 6:** 1 pole is down, 2 spans of primary wire are down, C phase 75kVA transformer is leaking oil.

**Location 7:** B phase primary insulator is broken. The conductor is laying on A phase.

**Location 8:** Three phase riser has B phase fuse blown.

**Location 9:** There is a 40 class 4 feeder pole broken. A, B, C phase primary and neutral are down for 2 spans. There is a broken, heavy duty wood cross arm. There is a large tree in the primary.

**Location 10:** C phase disconnect switch #16387 is broken and the cross arm is damaged due to tree limb.

**Location 11:** Capacitor bank is leaking oil.