

NORTHWEST EMC, INC.

22975 NW Evergreen Parkway, Suite 400
Hillsboro, OR 97124

February 28, 2007

Dear Application Examiner:

On behalf of Schweitzer Engineering Laboratories, Inc., Northwest EMC Inc is submitting this application for the certification of Schweitzer's 915MHz radio transceiver, M/N: SEL-8300. The product is a Wireless Interface Faulted Circuit Indicator Reader, FCC ID: R34SEL-8300. The radio operates in the 902 – 928 MHz band and uses FSK modulation. The SEL-8300, as part of the RadioRANGER system, helps locate underground faults. The SEL-8300 can be equipped with up to 12 magnetic probes. The information the SEL-8300 collects is then sent to a SEL-8310 Remote Fault Reader. It is battery operated with no provision for connection to the AC mains either directly, or indirectly from another device.

The radio works with two different antennas of the same type. Both options include a coaxial dipole, but the extended option includes an additional 15 feet of LMR-195 coax cable in between the EUT and the coaxial dipole. This configuration satisfies the requirements of 47 CFR 15.203.

The receiver portion of this radio transceiver has been verified to FCC 15B. The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 15.249.

Your efforts in reviewing this application are greatly appreciated.

Best regards,

Northwest EMC, Inc.