Non-Conformities FCC ID: EO9DCU5000 (Ref # E06-000232-1)

The items listed below represent requests for information following review of this application. Further question may arise pending review of responses to these items.

1   Please provide the following: label, tune up procedure, DC voltages, test setup photos, users manual and verification of equipment description for grant.

Response: Test setup photos, label, tune-up procedures, DC voltages and users manual have been uploaded. The equipment is: Description: Mobile AMR device Model: DCU-5000

2   Test report has one indirect reference to ANSI C63.4:2003, but no reference to TIA/EIA 603. Please provide in the test report what measurement procedure was use for testing.

Response: A revised test report has been uploaded. See page 2.

3   Please provide a specific reference as to what emission mask you used to comply with 101.111.

Response: A revised test report has been uploaded. See page 7.

4   Please provide a more detailed operational description of your product to include modulation and antenna descriptions.

Response: Additional operational description information has been uploaded.

5   In your MPE report (that should be a separate document) a statement is made that The FCC specified maximum safe distance for mobile installations is 2 meters. Please explain this. Also, most mobile devices have a safe separation distance of 20 cm not 32 cm. Please explain.

Response: A revised MPE report has been uploaded.

6   There appears to be external controls on this device as evidence by the external photos supplied. How were these addressed during testing?

Response: One connector is RF to the antenna, one is Power, and one is RS-232 to control the box. This transmitter is used to wake up Itron endpoints that are attached to utility meters. The transmitter is AM modulated using a low frequency sine wave. The frequency of the sine wave is dependent on what "tone" is necessary to wake up the endpoints. This allows multiple utilities to use coexisting Itron installations without waking up each others' endpoints.