Data Access for Temporary Instruments

I. Purpose:

This procedure explains how to test instruments access their data in a temporary setting such as an Intensive Operational Period (IOP).

II. Cautions and Hazards:

None.

III. Requirements:

None.

IV. Procedure:

A. Testing Temporary Instruments

1. Determine the data/maintenance requirements of the IOP before the instrument is placed on site and ensure the operators of the instrument are aware of their actual requirements:

    a) Determine if external access is required.

    b) Determine what specific protocol is required (e.g., http, ftp, pcanywhere, SSH, etc.).

    c) Obtain IP address from the IOP managers so that the ARM routers can be set up with optimal security.

    d) Determine anticipated traffic levels (to ensure site systems do not suffer).

    e) If the instrument is to be part of an ARM data stream, determine what software requirements/changes to SDS are necessary.

2. Liaise with ARM Data Systems personnel to:

    a) Assign an IP address and DNS for the instrument.

    b) Program the site router to allow access to the instrument.

3. During installation of the instrument:

    a) Assist with the programming of the instrument (e.g., provide IP address information, etc.).

    b) Ensure connectivity on the instrument network.

    c) Ensure the instrument is available with the selected protocols.

4. After installation of the instrument:

   a) Ensure the instrument is collecting data.

   b) Ensure remote access is functioning.

   c) Ensure sufficient information is on site for the maintenance of the instrument.

V. References:

None.

VI. Attachments:

None.