November 19, 2014

TO: OPRA Multicast Data Recipients

SUBJECT: Quarterly OPRA Failover Testing to Secondary Data Center (Disaster Recovery Site)

**Failover Testing**
SIAC will be conducting testing with all OPRA exchanges on **Saturday, December 6th, from 9:00am-11:00am**, and will continue to do so on a quarterly basis moving forward. All OPRA multicast recipients are invited to participate in this testing as well.

**2015 Quarterly Failover Testing Schedule**
- Saturday, March 14th
- Saturday, June 20th
- Saturday, September 26th
- Saturday, December 5th

**Test Details**
The failover to the secondary data center can occur at any time during the 9:00am-11:00am time window, to simulate an unknown production event requiring a failover. Participating exchanges will generate test data at less than normal production rates.

Upon failover to the secondary data center OPRA Data Recipients will see:

- OPRA Category H, Type K, Reset Multicast Line Sequence Number Control messages
- OPRA Category H, Type P, Disaster Recovery Data Center Activation Control messages
- Zero quotes for all securities
- OPRA trades and quotes after the exchanges fail over

**Test Registration**
Please register in one of the following ways:

1. E-mail your name, organization name, phone number, to: CQS-CTS-OPRA@siac.com, or
2. Contact the Service Desk at 866-873-7422.

**Indirect Data Recipients must contact their service provider to register for testing.**