**PRELIMINARY NOTIFICATION–REGION III**

August 19, 2014

**PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE: PNO-III-14-008A**

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. Some of the information may not yet be fully verified or evaluated by the Region III staff.

| **Facility** | **Licensee Emergency Classification** |
|---|---|
| LaSalle County Station, Unit 2 | ___ Notification of Unusual Event |
| Exelon Generation Company | ___ Alert |
| Marseilles, IL | ___ Site Area Emergency |
| Docket: 05000374 | ___ General Emergency |
| License: NPF-18 | _X_ Not Applicable |

Subject: UPDATE TO LASALLE UNIT 2 SHUTDOWN GREATER THAN 72 HOURS FOLLOWING A REACTOR SCRAM

This Preliminary Notification provides an update to PNO-III-14-008, for a shutdown of greater than 72 hours of LaSalle Unit 2 following an automatic scram from 100 percent power on August 5, 2014. The scram occurred, as designed, following the unexpected closure of a main steamline isolation valve located in the drywell. The steamlines carry steam from the reactor to the main turbine to turn the turbine and generate electricity. The valve that failed is 1 of 8 similar valves. Four of the valves are located in the drywell and 4 are located outside the drywell.

The licensee investigated the cause of the valve closure and identified that a threaded and pinned connection of a valve part to the valve stem failed, allowing the valve disc to close. The failed components were replaced with components of a modified design to preclude a similar failure. During this shutdown, the licensee also installed the modified components in 3 other main steamline valves in which the components had not been previously installed, for a total of 4 main steamline valves during this shutdown in which modified components were installed. Modified components had been installed in the 4 other main steamline valves previously.

The licensee restarted the reactor on August 17 and connected the generator to the offsite electrical distribution grid on August 18.

This preliminary notification is issued for information only.

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Region III received notification of the repairs and reactor restart from the NRC Resident Inspector, who observed repair and restart activities. The information presented herein has been discussed with the licensee, and is current as of 7:05 a.m. (CDT) on August 19, 2014.

The State of Illinois has been informed.

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