

February 17, 2015

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE - PNO-II-15-001

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 II staff (Atlanta, GA)

Facility

NextEra Energy
St. Lucie, Unit 2
Port St. Lucie, FL
Docket: 50-389

Licensee Emergency Classification

Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: SHUTDOWN GREATER THAN 72 HOURS DUE TO CONDENSER TUBE LEAK

On February 15, 2015, St. Lucie Nuclear Station, Unit 2, received a secondary chemistry alarm associated with the main turbine condenser. Operators referred to the appropriate response procedures and commenced a rapid unit downpower. The unit was manually tripped at 25% power, as part of the normal shutdown procedure. The unit was placed in Mode 3 (hot shutdown) without complications.

The NRC Senior Resident Inspector responded to the site and monitored the reactor trip and post trip actions.

The unit is currently stable in Mode 3 using the steam generators for decay heat removal. The licensee determined the secondary chemistry alarm was due to a condenser tube leak and is performing repairs to isolate the affected tubes. Secondary chemistry cleanup activities are in progress and will be completed while in Mode 3.

Resident inspectors are closely monitoring the licensee's evaluation and repair activities.

The State of Florida has been informed.

This preliminary notification is issued for information only.

Region II received notification of this occurrence by telephone call from the licensee at approximately 4:00 a.m. EDT on February 15, 2015. The information presented herein has been discussed with the licensee and is current as of 3:00 p.m. February 17, 2015.

ADAMS Accession Number: ML15048A177

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