



May 21, 2015
L-2015-161
10 CFR 50.36

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Re: St. Lucie Unit 1
Docket No. 50-335
Date of Event: May 18, 2015
Technical Specification Special Report
Radiation Monitor Inoperable Greater Than 72 Hours

The attached special report is being submitted pursuant to the requirements of St. Lucie Unit 1 Technical Specification 3.3.3.1, Action b, Table 3.3-6, Action 15, and Technical Specification 6.9.2. This report provides notification that the Plant Vent Radiation monitor was inoperable for greater than 72 hours.

Alternate means of radiation monitoring were implemented in accordance with the Technical Specification ACTION statement.

Please contact us if there any questions on this information.

Sincerely,

Eric S. Katzman
Licensing Manager
St. Lucie Plant

ESK/dlc

ADD1
NRR

I. TITLE

Plant Vent Stack Radiation Monitor Inoperable Greater Than 72 Hours.

II. EVENT DESCRIPTION

On May 18, 2015 St. Lucie Unit 1 was in Mode 1 at 100% power. The Plant Vent Stack Radiation monitor RSC-26-1 is being upgraded with a new monitor, and the current radiation monitor was taken out of service. The limiting condition for operation (LCO) for TS 3.3.3.1, Action b, Table 3.3-6, Action 15, states that:

“With the number of OPERABLE Channels less than required by the Minimum Channels OPERABLE requirement, either restore the inoperable Channel(s) to OPERABLE status within 72 hours, or:

- 1) Initiate the preplanned alternate method of monitoring the appropriate parameter(s), and
- 2) Prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within 14 days following the event outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to OPERABLE status.”

Work Order (WO) 40214218 will replace the current monitor with a new radiation monitor. The replacement will take longer than the 72-hour time period to restore the subject radiation monitor to operable status.

III. CAUSE OF THE EVENT

A new Plant Vent radiation monitor is being installed to upgrade the present Plant Vent monitor.

IV. ACTIONS TAKEN

Short Term:

Alternate monitoring was implemented in accordance with TS 3.3.3.1, Action b, Table 3.3-6, Action 15.

Long Term:

A new radiation monitor will replace the old monitor under EC 277011 per WO 40214218.

V. SCHEDULE FOR RESTORING SYSTEM

The expected restoration date is July 3, 2015. If the Plant Vent Stack Radiation monitor RSC-26-1, is not restored to service by July 24, 2015, an update will be provided.