



MAR 29 2013

L-2013-117

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

Re: Turkey Point Unit 3
Docket Nos. 50-250
Special Report - Accident Monitoring Instrumentation

In accordance with Technical Specifications 6.9.2 and 3.3.3.3, the attached Special Report is provided for your information.

Should there be any questions regarding this information, please contact Robert J. Tomonto, Licensing Manager at (305) 246-7327.

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael Kiley', written in a cursive style.

Michael Kiley
Vice President
Turkey Point Nuclear Plant

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cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

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SPECIAL REPORT

Purpose:

This special report is being submitted pursuant to the requirements of Turkey Point Unit 3 Technical Specification (TS) 3.3.3.3, Table 3.3-5, Accident Monitoring Instrumentation, Action 34, part 2) due to the Condenser Air Ejector for High Range-Noble Gas Effluent Monitor being inoperable for greater than 7 days.

Required Action 34 of TS 3.3.3.3, Table 3.3-5, Item 19.c, states:

“With the number of OPERABLE Channels less than required by the Minimum Channels OPERABLE requirements, initiate the preplanned alternate method of monitoring the appropriate parameter(s), within 72 hours, and:

- 1) Either restore the inoperable channel(s) to OPERABLE status within 7 days of the event, or
- 2) Prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 14 days outlining the action taken, the cause of the inoperability, and the plans and schedule for restoring the system to OPERABLE status.”

This Special Report is being transmitted in accordance with these requirements.

Event and Action Taken:

RAD-3-6417 consists of three channels with the following ranges to cover the total range required (1.0 E-06 to 1.0 E05 $\mu\text{Ci/cc}$) for the Condenser Air Ejector High Range-Noble Gas Effluent Monitor:

High Range Channel 9:	1.0 E00 to 1.0 E+05 $\mu\text{Ci/cc}$
Mid Range Channel 7:	2.5 E-02 to 4.0 E+02 $\mu\text{Ci/cc}$
Low Range Channel 5:	1.0 E-07 to 6.0 E-02 $\mu\text{Ci/cc}$

On March 9, 2013 at approximately 0522, Turkey Point Unit 3 entered Mode 3, returning to power from a forced outage to repair the 3A Reactor Coolant Pump seal. In accordance with TS 3.3.3.3, Table 3.3-5, Item 19.c., the Condenser Air Ejector Noble Gas Effluent Monitor is required to be OPERABLE for Modes 1-3.

On March 14, 2013 at approximately 1732 the condenser Steam Jet Air Ejector Hogging Jet was placed in service, establishing plant conditions that do not support the sample flow rate required to allow the monitor to be in service, thus rendering RAD-3-6417 inoperable. Since RAD-3-6417 was not restored to service within 7 days (by March 21, 2013) as required by TS 3.3.3.3, Table 3.3-5, Action 34, this special report is prepared and submitted within the next 14 days to comply with the TS Action 34 requirements.

The pre-planned alternate method of monitoring the appropriate parameters was previously established on March 13, 2013. The method utilized was grab samples once per 12 hours from each steam generator to perform isotopic activity and tritium analysis.

On March 27, 2013 at 1500, the monitor RAD-3-6417 was restored to service, and Turkey Point Unit 3 exited TS 3.3.3.3, Table 3.3-5, Action 34.

Cause:

The sample flow path was bypassed by the plant lineup required to maintain condenser vacuum by the hogging jet air ejector, rendering monitor RAD-3-6417 inoperable.

Schedule for Restoration:

The Turkey Point Unit 3 Condenser Air Ejector for High Range-Noble Gas Effluent Monitor (RAD-3-6417) was restored to service on March 27, 2013.