



AUG 24 2009

LR-N09-0206

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001

HOPE CREEK GENERATING STATION
FACILITY OPERATING LICENSE NO. NPF-57
DOCKET NO. 50-354

Subject: Special Report – North Plant Vent Radiation Monitoring System (RMS)

This special report is being submitted pursuant to the requirements of Hope Creek Technical Specification (TS) 3.3.7.5, "Accident Monitoring Instrumentation" Action 81, due to the North Plant Vent (NPV) RMS being inoperable for greater than 72 hours.

Planned installation of a new sampling station resulted in the NPV RMS being inoperable. A preplanned alternate method of sampling was implemented when the channel was removed from service on August 10, 2009, and will continue until the NPV RMS is placed back in-service.

The new sampling station is being installed to address issues associated with obsolescence and maintenance of the previous system that presented challenges to operation and resulted in accruing LCO time for normal system operations. Post installation testing is expected to return the NPV RMS to operable status by the end of August, 2009. There are no regulatory commitments contained in this letter.

Should you have any questions concerning this letter, please contact Timothy R. Devik at (856) 339-3108.

Sincerely,

A handwritten signature in black ink, appearing to read "L M Wagner".

Lawrence M. Wagner
Plant Manager – Hope Creek

Handwritten initials "TE22" in black ink.

C Mr. S. Collins, Administrator - Region I
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