

NOV 19 2009

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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 – South Plant Vent Radiation Monitoring System (RMS)

This special report is being submitted pursuant to the requirements of Hope Creek Technical Specification (TS) Table 3.3.7.5-1, "Accident Monitoring Instrumentation" Action 81, due to the South Plant Vent RMS being inoperable for greater than 72 hours.

Planned installation of a new sampling station resulted in the South Plant Vent RMS being inoperable. A preplanned alternate method of sampling was implemented when the channel was removed from service on November 9, 2009, and remained in effect until the design change was completed and the channel returned to service on November 18, 2009.

The new sampling station was 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 returned the South Plant Vent RMS to operable status on November 18, 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 "LMW", with a large, sweeping flourish extending from the end of the signature.

Lawrence M. Wagner  
Plant Manager – Hope Creek

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