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Nuclear LLC

JUN 1 7 2010

LR-N10-0218

TS 3.3.7.5

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 – Filtration, Recirculation and Ventilation System Radiation
Monitoring System

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
Filtration, Recirculation and Ventilation System (FRVS) Radiation Monitoring System (RMS)
being inoperable for greater than 72 hours.

Planned installation of a new sampling station resulted in the FRVS RMS being inoperable. A
preplanned alternate method of sampling was implemented when the channel was removed
from service on June 8, 2010, and remained in effect until the design change was completed
and the channel returned to service on June 12, 2010.

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 FRVS
RMS to operable status on June 12, 2010. 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,

Lawrence M. Wagner
Plant Manager – Hope Creek

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