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United States Nuclear Regulatory Commission  
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**SPECIAL REPORT  
HOPE CREEK GENERATING STATION  
FACILITY OPERATING LICENSE NPF-57  
DOCKET NO. 50-354**

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 Filtration Recirculation Ventilation System (FRVS) radiation monitor being inoperable for greater than 72 hours.

On February 15, 2006 at 0800, TS 3.3.7.5 was entered due to the FRVS radiation monitor being inoperable for a scheduled calibration of the flow monitor. During the performance of the calibration of the flow monitor, the high flow power supply was determined to be degraded on February 16, 2006. Repairs to the high flow power supply were completed on February 17, 2006, with the replacement of the power supply printed circuit board. Calibration of the flow monitor was resumed and on February 18, 2006, the low flow power supply was also determined to be degraded. Troubleshooting was performed that determined that capacitors C2 and C8 and voltage regulator VR2 needed to be replaced. The low flow power supply was repaired on February 19, 2006, and the calibration of the flow monitor was completed satisfactorily. The FRVS radiation monitor was returned to an operable status on February 19, 2006, at 2211 hours.

Should there be any questions regarding this matter please contact Michael Jesse at 856-339-1280.

Sincerely,

A handwritten signature in black ink that reads "Michael J. Massaro".

Michael J. Massaro  
Plant Manager – Hope Creek

Handwritten initials "IE22" in black ink.

C Mr. S. Collins, Administrator- Region I  
United States Nuclear Regulatory Commission  
474 Allendale Road  
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USNRC Senior Resident Inspector – Hope Creek (x24)

Distribution