

ENCLOSURE

BRAIDWOOD AUXILIARY BUILDING VENT STACK WIDE RANGE GAS MONITOR INOPERABLE FOR GREATER THAN SEVEN DAYS REPORT

DESCRIPTION OF THE EVENT:

The Unit 1 Process Radiation Monitor 1PR30J, Auxiliary Building Vent Stack Wide Range Gas Monitor, was taken out of service on February 24, 1997 for planned channel calibration. Procedure BwIS 3.3.6-211, "Surveillance Calibration of Aux Building Vent Stack Wide Range Gas Monitor" was used to perform the 18-month channel calibration of the 1PR30J.

The appropriate Technical Specification Action Statements were entered and complied with. At 0400 hours on March 4, 1997 the calibration procedure was satisfactorily completed and the monitor was returned to operable status. However, the 7-day LCO expired on March 3, 1997 at 0759 hours. This report is being submitted in accordance with Technical Specification 3.3.3.6.c, which stipulates that with the number of operable channels for the Auxiliary Building Vent Stack Wide Range Noble Gas Monitor less than the minimum channel operable requirement, restore the inoperable channel to operable status within 7 days or prepare and submit a Special Report to the Commission pursuant to specification 6.9.2 within 14 days that provides action taken, cause of the inoperability and plans and schedule restoring the channel to operable status.

CAUSE OF THE INOPERABILITY:

The cause of the inoperability was removing the monitoring from operation to perform as required, a regularly scheduled 18-month channel calibration. The cause for the completion of the calibration exceeding seven days was due to the following:

1. The sample pump for the 1PR30J radiation monitor was not meeting its flow requirements for the calibration. A replacement pump was on site but was awaiting a revised evaluation from the central storage facility in Bolingbrook. This stores item number was not qualified for use on the 1PR30J radiation monitor. Substantial time was lost in evaluating the pump for use in the 1PR30J.
2. Several days into the calibration, the Input/Output (I/O) card failed. A new I/O card was installed and the calibration of the radiation monitor was continued. Approximately 8 hours later, the new I/O card was found to be causing errors in calibration. It was determined that the new I/O board purchased from stores was locking up and was not performing to its acceptance criteria. Another card was installed, and the instrument maintenance department continued with the surveillance.

ACTIONS TAKEN:

After being taken out of service for approximately 7 days and 20 hours, the scheduled calibration was satisfactorily completed and the monitor was returned to operable status.

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PLANS AND SCHEDULE FOR RESTORING THE CHANNEL TO OPERABLE STATUS:

The Auxiliary Building Vent Stack Wide Range Gas Monitor, IPR30J, was returned to operable status on March 4, 1997 at 0400 hours. The monitor has performed satisfactorily since being returned to service.