



March 18, 1993  
BW/93-0113

[illegible]

Mr. A. Bert Davis  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Subject: Braidwood Station Unit 1  
Auxiliary Building Vent Stack Wide Range  
Noble Gas Monitor Inoperability  
NRC Docket No. 456

Reference: (a) NUREG-1276, Technical Specifications, Braidwood Station,  
Unit Nos. 1 and 2

(b) August 18, 1992 K. L. Kofron letter to A. B. Davis

Dear Mr. Davis:

Specification 3.3.3.6 Action (c) of reference (a) requires that with less than the minimum number of auxiliary building vent stack wide range noble gas monitors operable for more than 7 days, a Special Report shall be prepared and submitted to the Commission within 14 days pursuant to Specification 6.9.2 of reference (a) that provides the actions taken, cause of the inoperability, and plans and schedule for restoring the channel(s) to operable status.

The enclosure provides a report regarding the inoperability of the Unit 2 Auxiliary Building Vent Stack Wide Range Noble Gas Monitor, 2PR30J, initiated March 6, 1993 at 0750 hours. The inoperability of 2PR30J affects Unit 1 accident monitoring capabilities.

Reference (b) is the most recent report addressing accident monitoring instrumentation failures submitted in accordance with Specification 3.3.3.6 Action (c) of reference (a).

Please direct any questions regarding this submittal to Harry Pontious, Braidwood Station Licensing Supervisor, extension 2511.

Very truly yours,

K. L. Kofron  
Station Manager  
Braidwood Nuclear Power Station

KLK/HDP/dla  
ZCREG/29

Enclosure

cc: J. Hickman - NRR  
B. Clayton - RIII  
0080 ARC Document Control Desk

Resident Inspector - Braidwood  
T. O'Brien  
T. Simpkin - NLA

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Braidwood Station Unit 1  
Auxiliary Building Vent Stack  
Wide Range Noble Gas Monitor  
Inoperable for Greater than 7 Days

Description

On March 6, 1993 at 0750 hours, the Unit 2 Auxiliary Building Vent Stack Wide Range Noble Gas Monitor, 2PR30J, was declared inoperable and removed from service for the performance of Braidwood Instrument Maintenance Surveillance Procedure (BwIS) 3.3.6-211, Surveillance Calibration of Aux Building Wide Range Gas Radiation Monitor. BwIS 3.3.6-211 is performed to satisfy the 18-month channel calibration requirement of Technical Specification Surveillance Requirement (TSSR) 4.3.3.6, Table 4.3-7, Instrument 18. Technical Specification 3.3.3.6 Limiting Condition for Operation Action (c) was entered for Unit 1 since Technical Specification 3.3.3.6 requires one operable wide range noble gas monitor per Auxiliary Building Vent Stack.

Cause of the Inoperability

The cause of the inoperability of 2PR30J was removing the monitor from service in order to perform BwIS 3.3.6-211.

Action Taken

During the performance of BwIS 3.3.6-211, the sample pump failed. A Nuclear Work Request (NWR) was generated to replace the failed sample pump. The calibration was halted until the sample pump was replaced. Once the sample pump was replaced, those sections of the calibration already completed were reperformed in order to demonstrate the operability of the new sample pump. The calibration was completed without further incident.

Alternate monitoring capability for the Unit 2 Auxiliary Building Vent Stack was in place during the time that 2PR30J was inoperable.

Plans and Schedule for Restoring the Channel to Operable Status

2PR30J was restored to operable status on March 18, 1993 at 0951 hours.