

# CATEGORY

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SUBJECT: Special rept: on 970117, Division II H2/O2 analyzer was declared inoperable due to low sample bypass flow. Sample pump has been replaced.

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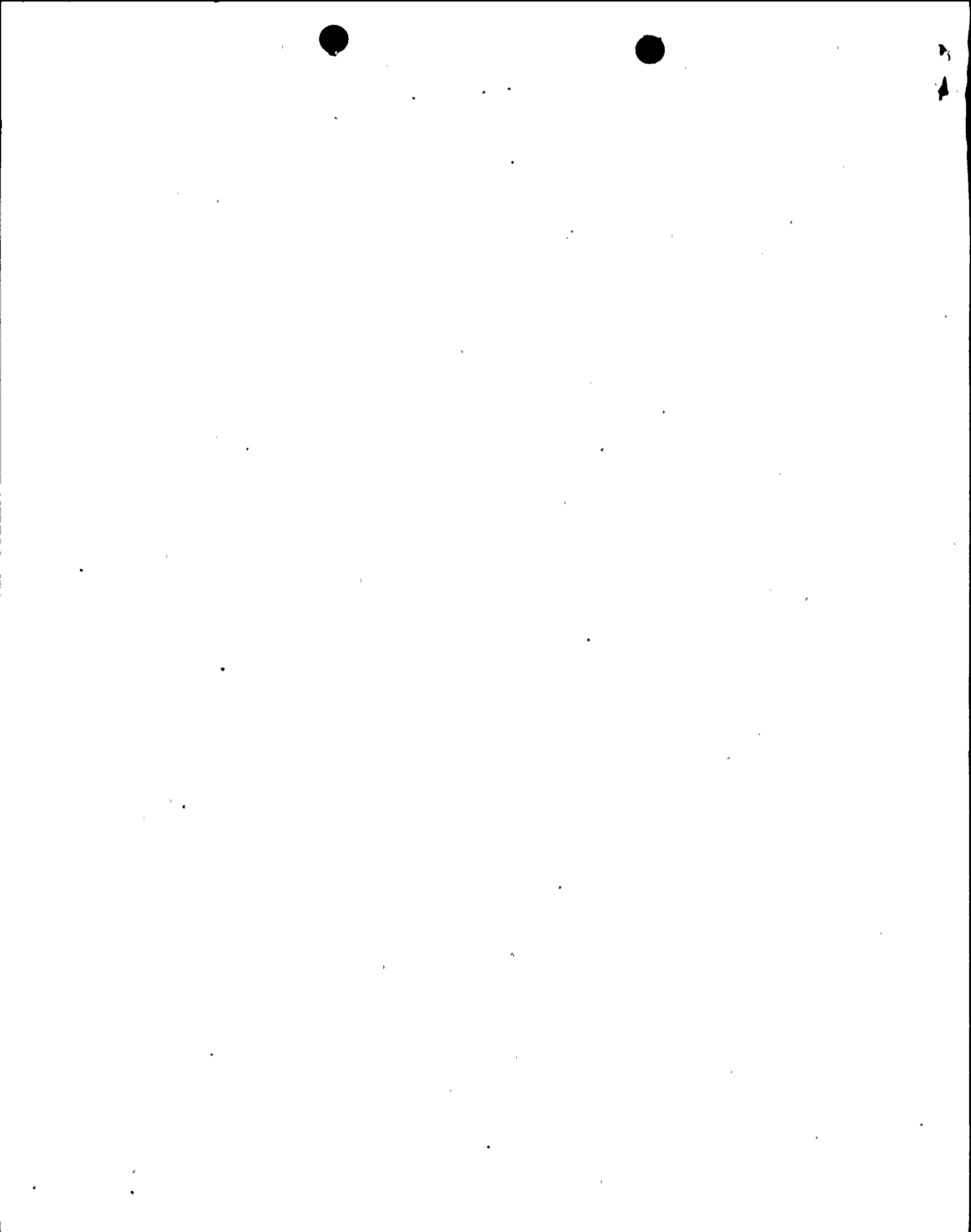
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February 28, 1997  
NMP2L 1690

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

RE: Nine Mile Point Unit 2  
Docket No. 50-410  
NPF-69

*Subject: Special Report*

Gentlemen:

In accordance with Nine Mile Point Unit 2 (NMP2) Technical Specification 3.3.7.5 Action Statement No. 80a, we are submitting the following Special Report concerning the inoperability of the Division II Hydrogen/Oxygen Containment Monitoring System (CMS).

Event Description

On January 17, 1997 at 1951 hours, the Division II H<sub>2</sub>/O<sub>2</sub> analyzer was declared inoperable due to low sample bypass flow. In order to troubleshoot the problem, the flow instrument was to be placed in the standby mode. While performing operations procedure N2-OP-82 Section 6.1.0 to place the analyzer in the standby mode, it was noted that the green closed position indication light did not illuminate when the drywell sample inlet header inboard isolation valve (2CMS\*SOV24B) was closed. Since the valve could not be confirmed to be closed, it was declared inoperable at 2245 hours. The penetration was isolated at 2355 hours by deenergizing the drywell sample inlet header outboard isolation valve (2CMS\*SOV24D) in the closed position to comply with Technical Specification section action 3.6.3.

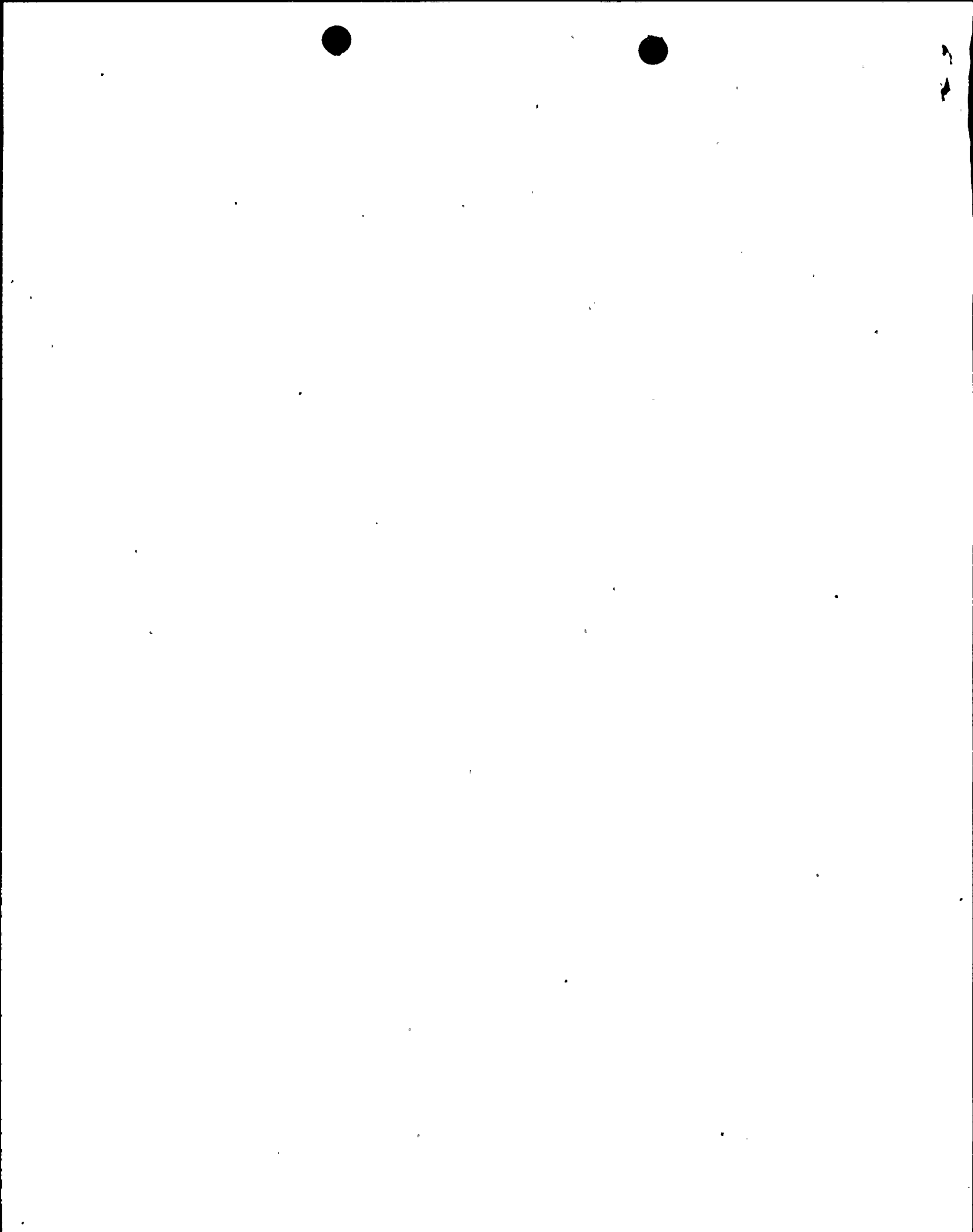
Cause of Event

The cause of the low flow condition was determined to be a degraded sample pump. The cause of the inoperable drywell sample inlet isolation valve has not yet been determined since this valve is not accessible during normal power operation. Troubleshooting to date indicates that the valve will not fully close.

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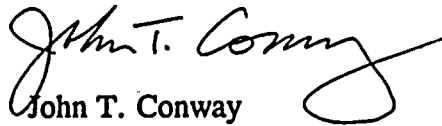
Corrective Actions

The following corrective actions have been completed.

1. The affected penetration was isolated by deenergizing the outboard isolation valve (2CMS\*SOV24D) to comply with Technical Specification action 3.6.3.
2. The sample pump has been replaced, but cannot be placed in service until 2CMS\*SOV24B is repaired.
3. The Division I CMS will be used to monitor the containment atmosphere.

A modification to the system will be made providing an acceptable flow path or the valve will be repaired at the next opportunity.

Very truly yours,

  
John T. Conway  
Plant Manager - NMP2

JTC/KLL/kap

xc: Regional Administrator, Region I  
Mr. B. S. Norris, Senior Resident Inspector

