NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

# LICENSEE EVENT REPORT

CONTROL BLOCK: ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | LICENSEE CODE: N C B E P 1 ② | LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 ③ | LICENSE TYPE: 4 1 1 1 1 ④ | CAT ⑤

CON'T
0 1 | REPORT SOURCE: L ⑥ | DOCKET NUMBER: 0 5 0 - 0 3 2 5 ⑦ | EVENT DATE: 1 1 1 4 8 1 ⑧ | REPORT DATE: 1 1 2 4 8 1 ⑨

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

0 2 During routine surveillance it was discovered that Primary Containment Atmospheric
0 3 Oxygen Analyzer, 1-CAC-AT-1259-2, was showing an upscale indication of drywell oxygen
0 4 concentration while its redundant Oxygen Analyzer, 1-CAC-AT-1263-2, showed normal
0 5 expected indication of drywell oxygen concentration. This event did not affect the
0 6 health and safety of the public.
0 7
0 8 Technical Specifications 3.3.5.3,3.6.6.4,6.9.1.9b

0 9 | SYSTEM CODE: S E ⑪ | CAUSE CODE: E ⑫ | CAUSE SUBCODE: F ⑬ | COMPONENT CODE: V A L V E X ⑭ | COMP. SUBCODE: D ⑮ | VALVE SUBCODE: D ⑯

⑰ LER/RO REPORT NUMBER | EVENT YEAR: 8 1 | — | SEQUENTIAL REPORT NO.: 0 8 1 | / | OCCURRENCE CODE: 0 3 | REPORT TYPE: L | — | REVISION NO.: 0

ACTION TAKEN: C ⑱ | FUTURE ACTION: Z ⑲ | EFFECT ON PLANT: Z ⑳ | SHUTDOWN METHOD: Z ㉑ | HOURS ㉒: 0 0 0 0 | ATTACHMENT SUBMITTED: Y ㉓ | NPRD-4 FORM SUB.: Y ㉔ | PRIME COMP. SUPPLIER: N ㉕ | COMPONENT MANUFACTURER: A 4 9 9 ㉖

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

1 0 A defective isolation valve in the analyzer's moisture removal system allowed moisture
1 1 blowdown air in-leakage to the analyzer's sample process stream causing the analyzer to
1 2 measure a sample higher in oxygen concentration than was present in the drywell.
1 3 The valve's internals were replaced and it was satisfactorily tested for closure and
1 4 cycling. The analyzer was then checked and found operating within calibration
tolerances and was returned to service.

1 5 | FACILITY STATUS: C ㉘ | % POWER: 0 0 0 ㉙ | OTHER STATUS ㉚: NA | METHOD OF DISCOVERY: A ㉛ | DISCOVERY DESCRIPTION ㉜: Operator Surveillance

1 6 | ACTIVITY RELEASED: Z ㉝ | CONTENT OF RELEASE: Z ㉞ | AMOUNT OF ACTIVITY ㉟: NA | LOCATION OF RELEASE ㊱: NA

PERSONNEL EXPOSURES
1 7 | NUMBER: 0 0 0 ㊲ | TYPE: Z ㊳ | DESCRIPTION ㊴: NA

PERSONNEL INJURIES
1 8 | NUMBER: 0 0 0 ㊵ | DESCRIPTION ㊶: NA

LOSS OF OR DAMAGE TO FACILITY ㊸
1 9 | TYPE: Z ㊷ | DESCRIPTION: NA

PUBLICITY
2 0 | ISSUED: N ㊹ | DESCRIPTION ㊺: NA | NRC USE ONLY

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PDR ADOCK 05000325
S PDR

NAME OF PREPARER: M. J. PASTVA, JR.
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## LER ATTACHMENT - RO # 1-81-81

Facility: BSEP Unit No. 1 Event Date: 11/14/81

This event occurred as a result of a defective isolation valve in the moisture removal blowdown system of Primary Containment Atmospheric Oxygen Analyzer, 2-CAC-AT-1259-2. The investigation of the event revealed that a worn diaphragm-type gate in the valve, Asco Model No. 104R, had allowed moisture removal blowdown system air to leak by into the analyzer sample process stream during the blowdown sequence when the valve was closed. As a result, the net oxygen concentration seen by the analyzer was considerably higher than was present in the drywell. An examination of the worn valve gate concluded the component failed due to wear from normal use. Although a similar failure was recently incurred with the 1263 analyzer (see LER 1-81-64), it is felt the operating history associated with this component has shown it is reliable in service; therefore, no further corrective action is required or planned.

As a result of this event, the blowdown systems on the Unit No. 2 1259 and 1263 CAC analyzers were inspected and no problems were found.