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

0 1	I L L S C 1 (2) LICENSEE CODE	0 0 - 0 0 0 0 0 - 0 0 (3) LICENSE NUMBER	4 1 0 0 0 (4) LICENSE TYPE	(5) CAT	
CON'T 0 1	REPORT SOURCE L (6)	0 5 0 0 0 3 7 3 (7) DOCKET NUMBER	1 1 1 2 8 2 (8) EVENT DATE	1 2 1 0 8 2 (9) REPORT DATE	

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Technical Specification 3.3.7.5 requires the drywell oxygen monitoring channels to
0 3 be operable during conditions 1 and 2. On 11/12/82 it was noticed that the Div II
0 4 Post LOCA oxygen channel indication had drifted down to 4%. The channel was sub-
0 5 sequently declared inoperable. At the time the station was at 1548 MWT and 438 MWE.
0 6 The drywell was not inerted at the time due to special test exception no. 10.3.5.
0 7 The Div I channel remained fully operable at all times. Safe operation of the plant
0 8 was maintained.

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9	I B (11)	E (12)	E (13)	I N S T R U (14)	E (15)	Z (16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 2	—	1 4 8	/	0 3	L	—	0

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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The erratic readings were a result of instrumentation drift which resulted in false
1 1 indication in the Control Room. The on/off cycling from one channel to the other
1 2 seems to disrupt the flow metering of the reagent and sample gas mixtures thus causing
1 3 a drift from calibration when the channels are switched over. Adjustments were
1 4 made to sample flows and calibration was performed.

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	B (28)	0 4 1 (29)	NA	A (31)	OBSERVATION

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
1 6	Z (33)	Z (34)	NA	NA

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
1 7	0 0 0 (37)	Z (38)	NA

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
1 8	0 0 0 (40)	NA

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
1 9	Z (42)	NA

8212170194 821209
PDR ADOCK 05000373
S PDR

PUBLICITY

	ISSUED	DESCRIPTION (45)	NRC USE ONLY
2 0	N (44)		

NAME OF PREPARER R. Dus PHONE: 357-6761

I. LER NUMBER: 82-148/03L-0

II. LASALLE COUNTY STATION: Unit 1

III. DOCKET NUMBER: 050-373

IV. EVENT DESCRIPTION:

Technical Specification 3.3.7.5 requires the drywell oxygen monitoring channels to be operable during conditions 1 and 2. On 11/12/82 it was noticed that the Div II Post LOCA oxygen channel indication had drifted down to 4% from the normal 18-20% range. The Div II channel was subsequently declared inoperable.

VI. PROBABLE CONSEQUENCES:

At the time of the occurrence, LaSalle County Station was at 1548 MWT and 438 MWE. The drywell was not inerted with nitrogen since inerting is not a requirement for the present phase of the startup test program. (Re: Special Text Exemption 10.3.5). The Div I oxygen channel remained fully operable at all times. Safe operation of the plant was maintained. (A similar incident occurred on 10/30/82. See LER No. 82-139/03L-0.)

VI. CAUSE:

The erratic oxygen readings were a result of instrumentation drift which resulted in false indication in the control room. Until recently, the Div I and Div II post LOCA monitoring channels were used alternately since only one channel is required at any one time. The on/off cycling however seems to disrupt the flow metering of the reagent and sample gas mixtures thus causing a drift from calibration whenever the channels are switched over. Instruments are manufactured by Consip Del Phi, Inc.

VII. CORRECTIVE ACTION:

Work Request #L20452 was written to troubleshoot and repair the Div II Post LOCA oxygen channel. Adjustments were made to the reagent gas and sample gas flows. A calibration was also performed and completed on 11/15/82. The instrument was declared operable on the same day. In addition, both channels are now being used to monitor the oxygen concentration in the drywell in an effort to avoid the on/off cycling of the instrumentation.

Prepared by: R. S. Dus