

LICENSEE EVENT REPORT

CONTROL BLOCK: 

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | G A E I H I | 2 | 0 0 - 0 0 0 0 0 - 0 0 | 3 | 4 1 1 1 1 | 4 | | 5

7 8 9 14 15 25 26 30 37 CAT 58

LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CON'T

0 1 7 8

REPORT SOURCE L 6 0 5 0 0 0 3 2 1 7 0 7 0 8 8 1 8 0 8 0 4 8 1 9

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 While operating at 80% power drywell oxygen concentration exceeded the

0 3 allowable Tech Specs 3.7.A.5 limit of 4%. Neither plant operation nor

0 4 the health and safety of the public was affected by this event. This

0 5 is a repetitive event as last reported on LER 50-321/1980-078.

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7 8 9 80

SYSTEM CODE S E 11		CAUSE CODE X 12		CAUSE SUBCODE Z 13		COMPONENT CODE Z Z Z Z Z Z 14				COMP. SUBCODE Z 15		VALVE SUBCODE Z 16	
7 8		9 10		11 12		13 14 15 16 17 18				19 20		21 22	
LER/RO REPORT NUMBER 17		EVENT YEAR 8 1 21 22		SEQUENTIAL REPORT NO. 0 7 5 24 26		OCCURRENCE CODE 0 3 28 29		REPORT TYPE L 30		REVISION NO. 0 32			
ACTION TAKEN X 18		FUTURE ACTION G 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22 40		ATTACHMENT SUBMITTED Y 23		NPRD-4 FORM SUB. N 24	
33 34		35 36		37 38 39 40		41 42		43 44		45 46 47		48 49	
PRIME COMP. SUPPLIER Z 25		COMPONENT MANUFACTURER Z 9 9 9 26											

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

3 0 The cause of this event has been attributed to the oxygen analyzers' 1
1 1 being out of calibration. The excess O₂ concentration was discovered 1
1 2 when the analyzers were calibrated and returned to service. Operators 1
1 3 initiated N₂ makeup and the O₂ content was reduced to less than 4% with- 1
1 4 in 24 hours. 1

FACILITY STATUS (1 5) [E] (28) % POWER (0 8 0) (29) OTHER STATUS (30) NA
 ACTIVITY CONTENT RELEASED OF RELEASE (1 6) [Z] (33) (10) [Z] (34) AMOUNT OF ACTIVITY (35) NA
 METHOD OF DISCOVERY (A) (31) Operator Observation DISCOVERY DESCRIPTION (32)
 LOCATION OF RELEASE (36) NA

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

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
1	8	0	0
0	0	0	40
		NA	

8 9		11 12		13 14		15 16		17 18		19 20		21 22		23 24		25 26		27 28		29 30	
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7 8 9 10 PUBLICITY ISSUED DESCRIPTION (45) NA NRC USE ONLY

NRC USE ONLY

8108110629 810804

PDR ADOCK 05000321

PDR 'ARER C. L. Coggin, Supt. Pfc. Eng. Serv. PHONE: 912-507-7851

LER #: 50-321/1981-075
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1981-075

On 7-8-81, while the reactor was in run mode at 1866 MWt and while performing HNP-1-3882, Comsip Delphi K-IV Hydrogen and Oxygen Analyzer Procedure, the O₂ content of the drywell was found to be in excess of 4% when the analyzers were calibrated and returned to service. Tech Specs section 3.7.A.5 requires that the drywell O₂ concentration be reduced to less than 4% within 24 hours. Operators initiated N₂ makeup and a controlled shutdown was begun. Plant operation was not affected as a result of this event. The health and safety of the public was not affected. This is a repetitive event as last reported on LER 50-321/1980-078.

The cause of this event has been attributed to the oxygen analyzers' being out of calibration. After N₂ makeup was initiated the O₂ content was reduced to less than 4% within the 24-hour time limit, and the shutdown was terminated.

Surveillance on Unit 1 will be reduced from every 6 months to every 3 months, and surveillance on Unit 2 will be reduced from every 3 months to every month to help control this drift problem.

Also, additional training is being considered for test shop personnel to better understand this repetitive event on both units.

Additionally, our AE has proposed replacing the existing analyzers on both units with new model environmentally qualified Comsip Delphi analyzers.