

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8008260541 DOC.DATE: 80/08/21 NOTARIZED: NO DOCKET #
 FACIL:50-261 H. B. Robinson Plant, Unit 2, Carolina Power and Light 05000261
 AUTH.NAME AUTHOR AFFILIATION
 STARKEY,R.B. Carolina Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION
 Region 2, Atlanta, Office of the Director

SUBJECT: LER 80-016/03L-0: on 800710, two Grinnel units found
 inoperable. Caused by reservoir fluid levels below required
 min limits. Reservoir gaskets & fluid supply lines removed,
 cleaned, inspected & reinstalled.

DISTRIBUTION CODE: A002S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1+2
 TITLE: Incident Reports

NOTES:

ACTION:	RECIPIENT ID CODE/NAME		COPIES		RECIPIENT ID CODE/NAME		COPIES	
			LTTR	ENCL			LTTR	ENCL
	VARGA,S.	04	3	3				
INTERNAL:	A/D COMP&STRU06		1	1	A/D ENV TECH 07		1	1
	A/D MATL & QU08		1	1	A/D OP REACT009		1	1
	A/D PLANT SYS10		1	1	A/D RAD PROT 11		1	1
	A/D SFTY ASSE12		1	1	A/D TECHNOLOG13		1	1
	ACC EVAL BR 14		1	1	AEOD		1	1
	ASLBP/J.HARD		1	1	AUX SYS BR 15		1	1
	CHEM ENG BR 16		1	1	CONT SYS BR 17		1	1
	CORE PERF BR 18		1	1	D/DIR,HUM FAC19		1	1
	DIR,ENGINEERI20		1	1	DIR,HUM FAC S21		1	1
	DIR,SYS INTEG22		1	1	EFF TR SYS BR23		1	1
	EMERG PREP 24		1	1	EQUIP QUAL BR25		1	1
	GEOSCIENCES 26		1	1	HUM FACT ENG 27		1	1
	HYD/GEO BR 28		1	1	I&C SYS BR 29		1	1
	I&E 05		2	2	JORDAN,E./IE		1	1
	LIC GUID BR 30		1	1	LIC QUAL BR 31		1	1
	MATL ENG BR 32		1	1	MECH ENG BR 33		1	1
	MPA		3	3	NRC PDR 02		1	1
	OP EX EVAL BR34		3	3	OR ASSESS BR 35		1	1
	POWER SYS BR 36		1	1	PROC/TST REV 37		1	1
	QA BR 38		1	1	RAD ASSESS BR39		1	1
	REACT SYS BR 40		1	1	REG FILE 01		1	1
	REL & RISK A 41		1	1	SFTY PROG EVA42		1	1
	SIT ANAL BR 43		1	1	STRUCT ENG BR44		1	1
	SYS INTERAC B45		1	1				
EXTERNAL:	ACRS	46	16	16	LPDR 03		1	1
	NSIC	05	1	1	TERA:DOUG MAY		1	1

AUG 28 1980

TOTAL NUMBER OF COPIES REQUIRED: LTTR 74 ENCL 74

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	0	0	2	6	1	7	0	7	1	0	8	0	8	0	8	2	1	8	0	9
60	61									68	69					74	75							80
DOCKET NUMBER											EVENT DATE					REPORT DATE								

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

SYSTEM CODE H H (11)		CAUSE CODE A (12)		CAUSE SUBCODE C (13)		COMPONENT CODE S U P P O R T (14)				COMP. SUBCODE D (15)		VALVE SUBCODE Z (16)	
LER/RO REPORT NUMBER 17		EVENT YEAR 8 0 (21) (22)		SEQUENTIAL REPORT NO. 0 1 6 (24) (25) (26)		OCCURRENCE CODE / (27)		REPORT TYPE L (30)		REVISION NO. 0 (32)			
ACTION TAKEN B (18)		FUTURE ACTION Z (19)		EFFECT ON PLANT Z (20)		SHUTDOWN METHOD Z (21)		HOURS 0 0 0 0 (22)		ATTACHMENT SUBMITTED Y (23)		NPRD-4 FORM SUB. N (24)	
PRIME COMP. SUPPLIER Z (25)		COMPONENT MANUFACTURER G 2 5 5 (26)											

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1	4																	80	
7	8	9																	
FACILITY STATUS		% POWER				OTHER STATUS				30	METHOD OF DISCOVERY				DISCOVERY DESCRIPTION				32
1	5	G	28	0	0	0	29	NA				44	B	31	Periodic Test				
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	

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

7 8 9 11 12 80

LOSS OF OR DAMAGE TO FACILITY (43)

TYPE DESCRIPTION

1 9 [Z] (42) 2008260 541 NA

7 8 9 10 80

PUBLICITY

ISSUED DESCRIPTION (45) NA

(2) (0) (N) (44)

NRC USE ONLY

NAME OF PREPARER R. B. Starkey, Jr.

PHONE: (803) 383-4524

SUPPLEMENTAL INFORMATION

FOR

LICENSEE EVENT REPORT 80-16

1. Cause Description and Analysis

On July 10, 1980, while performing the visual inspection part of C.P.L. P.T. 31.0, two Grinnell snubbers (#19 and #20) were declared inoperable due to excessively low reservoir fluid levels. All other items of the visual inspection were acceptable. The unit was at cold shutdown when the leaks were discovered and the snubbers were repaired and reinstalled prior to startup. The reservoirs, tubing, and valve box connections were examined for leaks. On snubber #19, the reservoir gaskets, one on each end, were inspected and it was noticed that one was crimped, thus causing the leak. On snubber #20, the low reservoir level was due to a loose pipe connection on the inlet fluid supply to the valve block.

Due to the excessively low fluid levels, it was determined that these problems could have possibly resulted in failure of the snubbers to properly function while in service. These failures could have resulted in operation in a degraded mode as defined by Technical Specification 3.13.1.a which is reportable in accordance with Technical Specification 6.9.2.b.2.

2. Corrective Action

Immediately after discovering the problems, the snubbers were removed and inspected for leaks. After determining that a crimped reservoir gasket was the cause of the leak on snubber #19, both gaskets were removed, inspected, cleaned, and reinstalled. On snubber #20, the loose fitting was tightened. The reservoirs were cleaned and the route of fluid travel was also examined, with no additional leaks found. The reservoirs were filled to the proper levels, and the snubbers were reinstalled. The snubbers were visually inspected in accordance with the P.T. 31.0 guidelines and determined acceptable for continued operation. All other Grinnell snubbers will be checked during the 1980 maintenance/refueling outage which began on August 8.

3. Corrective Action to Prevent Further Occurrence

Since these leaks apparently resulted from maintenance which was performed during the 1979 refueling outage, all personnel performing maintenance on the snubbers will review this report to inform them of the potential consequences of improper maintenance on snubbers in an effort to prevent recurrence. No further action is believed necessary at this time.