

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

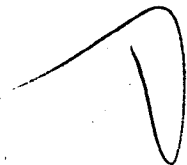
ACCESSION NBR:8006060362 DOC DATE: 80/06/02 NOTARIZED: NO DOCKET #  
 FACIL:50-261 H. B. Robinson Plant, Unit 2, Carolina Power and Light 05000261  
 AUTH.NAME AUTHOR AFFILIATION  
 UTLEY,E.E. Carolina Power & Light Co.  
 RECIP.NAME RECIPIENT AFFILIATION  
 EISENHUT,D.G. Division of Licensing

SUBJECT: Forwards replacement to Attachment 3 to steam generator insp  
 & safety evaluation rept submitted on 800429. Addl tube added  
 to list & three errors corrected.

DISTRIBUTION CODE: A001S COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 12  
 TITLE: General Distribution for after Issuance of Operating Lic

NOTES:-----

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL		RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	
ACTION:	05 BC ORB #1	7	7			
INTERNAL:	01 REG FILE	1	1	02 NRC PDR	1	1
	12 I&E	2	2	15 CORE PERF BR	1	1
	17 ENGR BR	1	1	18 REAC SFTY BR	1	1
	19 PLANT SYS BR	1	1	20 EEB	1	1
	21 EFLT TRT SYS	1	1	EPB-DOR	1	1
	OELD	1	0	STS GROUP LEADR	1	1
EXTERNAL:	03 LPDR	1	1	04 NSIC	1	1
	23 ACRS	16	16			



JUN 9 1980



Carolina Power & Light Company

June 2, 1980

FILE: NG-3514(R)

SERIAL: NO-80-814

Mr. Darrell G. Eisenhut, Director  
Division of Licensing  
United States Nuclear Regulatory Commission  
Washington, D. C. 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO.2

DOCKET NO. 50-261

LICENSE NO. DPR-23

STEAM GENERATOR INSPECTION AND SAFETY EVALUATION REPORT SUPPLEMENT

Dear Mr. Eisenhut:

On April 29, 1980, Carolina Power & Light Company (CP&L) submitted to NRC a Steam Generator Inspection and Safety Evaluation Report. The purpose of the submittal was to document the findings of the then ongoing steam generator inspections and to satisfy the requirements of the unit Technical Specifications. This supplement provides some additional information and corrects some typographical errors in the original submittal.

Attached please find a replacement Attachment 3 to the subject report. An additional tube has been added to the listing and three errors were corrected. Changes are indicated by a vertical line in the margin. Additionally, you will find a replacement data sheet #6 for "C" Steam Generator and some additional tube listing for "A" Steam Generator in Attachment 4. As indicated on the sheet, three tubes were retested and found not to require plugging.

If you have any questions on this information, please contact our staff.

Yours very truly,

E. E. Utley  
Executive Vice President  
Power Supply and  
Engineering & Construction

EEU/JJS/t1

cc: Messrs. J. D. Neighbors (NRC)  
J. P. O'Reilly (NRC-I&E)

APR 15, 1981

411 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602

8006060362

P

ATTACHMENT #3

LIST OF PLUGGED TUBES

Tubes Plugged in "A" s/g

Row	Column	Date	Plugging Limit
5	33	4/80	47%
9	24	4/80	47%
10	19	4/80	47%
13	18	4/80	47%
25	28	4/80	47%
10	28	4/80	47%
13	29	4/80	47%
10	31	4/80	47%
9	31	4/80	47%
5	32	4/80	47%
12	51	4/80	47%
10	39	4/80	47%
12	60	4/80	47%
6	74	4/80	47%
40	35	4/80	36%
27	73	4/80	36%
23	18	4/80	36%
23	16	4/80	36%
22	79	4/80	36%
23	86	4/80	36%
17	88	4/80	36%
17	85	4/80	36%
18	84	4/80	36%
19	84	4/80	36%
20	84	4/80	36%
15	78	4/80	36%
31	77	3/80	47%
33	77	3/80	47%
33	78	3/80	47%
34	76	3/80	47%
43	36	3/80	47%
43	37	3/80	47%
32	15	3/80	47%
30	12	3/80	47%
32	75	3/80	47%
32	74	3/80	47%
40	68	3/80	47%
28	17	3/80	47%
25	20	3/80	47%
26	10	3/80	47%
27	75	3/80	47%
27	74	3/80	47%

Row	Column	Date	Plugging Limit
32	71	3/80	47%
37	29	3/80	47%
22	13	3/80	47%
23	8	3/80	47%
23	7	3/80	47%
22	83	3/80	47%
23	83	3/80	47%
24	72	3/80	47%
21	7	3/80	47%
21	12	3/80	47%
19	8	3/80	47%
11	6	3/80	47%
14	85	3/80	47%
12	87	3/80	47%
11	88	3/80	47%
18	86	3/80	47%
18	9	3/80	47%
19	86	3/80	47%
*31	53	3/80	47%
*30	48	2/80	47%

Tubes Plugged "B" s/g

16	43	4/80	47%
24	44	4/80	47%
27	37	4/80	47%
28	25	4/80	47%
19	45	4/80	47%
19	28	4/80	47%
26	46	4/80	47%
22	38	4/80	47%
23	46	4/80	47%
23	41	4/80	47%
24	37	4/80	47%
23	45	4/80	47%
16	45	4/80	47%
13	39	4/80	47%
16	44	4/80	47%
16	39	4/80	47%
16	41	4/80	47%
14	44	4/80	47%
14	42	4/80	47%
14	41	4/80	47%
15	38	4/80	47%
16	46	4/80	47%
12	41	4/80	47%
12	43	4/80	47%

Row	Column	Date	Plugging Limit
14	39	4/80	47%
9	41	4/80	47%
9	38	4/80	47%
9	39	4/80	47%
10	27	4/80	47%
16	48	4/80	47%
23	48	4/80	47%
29	26	4/80	47%
10	48	4/80	47%
30	52	4/80	47%
30	51	4/80	47%
18	50	4/80	47%
5	48	4/80	47%
5	21	4/80	47%
3	20	4/80	47%
14	18	4/80	47%
29	23	4/80	47%
24	59	4/80	47%
31	56	4/80	47%
23	56	4/80	47%
27	62	4/80	47%
22	63	4/80	47%
4	27	4/80	47%
7	54	4/80	47%
3	71	4/80	47%
14	70	4/80	47%
14	4	4/80	47%
11	4	4/80	47%
14	78	4/80	47%
29	51	4/80	47%
40	48	4/80	47%
16	85	4/80	47%
9	83	4/80	47%
25	12	4/80	47%
2	26	4/80	47%
33	54	4/80	47%
23	20	4/80	47%
10	84	4/80	47%
21	83	4/80	47%
23	19	4/80	47%
31	78	4/80	47%
17	20	4/80	47%
29	19	4/80	47%
37	47	4/80	47%
30	79	4/80	47%
38	21	4/80	47%
41	60	4/80	47%
37	42	4/80	47%
36	42	4/80	47%
45	49	4/80	47%
38	53	4/80	47%
17	52	4/80	47%
35	55	4/80	47%
43	50	4/80	47%

Row	Column	Date	Plugging Limit
26	73	4/80	47%
16	4	4/80	47%
16	87	4/80	47%
23	8	4/80	36%
40	51	4/80	36%
43	59	4/80	36%
43	60	4/80	36%

Tubes Plugged "C"s/g

3	24	4/80	47%
4	25	4/80	47%
5	25	4/80	47%
4	27	4/80	47%
5	30	4/80	47%
5	51	4/80	47%
17	30	4/80	47%
4	33	4/80	47%
15	34	4/80	47%
10	38	4/80	47%
13	38	4/80	47%
16	38	4/80	47%
16	40	4/80	47%
3	43	4/80	47%
10	46	4/80	47%
21	46	4/80	47%
12	50	4/80	47%
19	88	4/80	47%
3	63	4/80	47%
2	67	4/80	47%
3	68	4/80	47%
19	71	4/80	47%
14	68	4/80	47%
15	80	4/80	47%
13	83	4/80	47%
24	31	4/80	47%
14	6	4/80	47%
19	54	4/80	47%
7	74	4/80	47%
24	83	4/80	39%
21	83	4/80	39%
25	81	4/80	39%
24	81	4/80	39%
27	79	4/80	39%
25	22	4/80	39%
27	15	4/80	39%
39	44	3/80	47%
39	47	3/80	47%
39	49	3/80	47%

Row	Column	Date	Plugging Limit
38	44	3/80	47%
37	48	3/80	47%
36	48	3/80	47%
38	49	3/80	47%
34	77	3/80	47%
35	56	3/80	47%
33	77	3/80	47%
43	35	3/80	47%
43	34	3/80	47%
*26	44	3/80	47%
*17	22	3/80	47%
*15	21	3/80	47%
*16	22	3/80	47%

\* Indicated >47% defect in 1979 when plugging limit was 50%. These tubes were plugged either on the basis of the 1979 inspection or were E/C tested in 3/80 and plugged on the basis of that inspection.

# Steam Generator A

Row	Column	Through Wall	Location	Insp. Date
15	28	45	6th I sup + 2"	3/80
12	88	30	6th I sup + 6"	3/80
12	8	25	6th I sup + 8"	3/80
9	24	90	ITS-14	4/80
10	19	86	ITS-16	4/80
13	18	92	ITS-16	4/80
25	28	80	ITS + 3	4/80
10	28	89	ITS-14	4/80
13	29	66	ITS-8	4/80
10	31	84	ITS-14	4/80
9	31	89	ITS-8	4/80
5	32	80	ITS-14	4/80
5	33	88	ITS-11	4/80
12	51	87	ITS-5	4/80
10	39	95	ITS-8	4/80
12	60	80	ITS-10	4/80
6	74	85	ITS-10	4/80
8	15	23	Top ITS	4/80
7	15	20	Top ITS	4/80
7	16	35	Top ITS	4/80
8	16	28	Top ITS	4/80
9	16	35	Top ITS	4/80
2	20	20	Top ITS	4/80
3	20	35	Top ITS	4/80
3	21	40	Top ITS	4/80
11	22	38	Top ITS	4/80
12	23	36	Top ITS	4/80



# Steam Generator A

Row	Column	Through Wall	Location	Insp. Date
1 5	2 5	2 3	Top ITS	4/80
1 4	2 5	2 2	Top ITS	4/80
1 2	3 6	2 7	Top ITS	4/80
1 3	2 6	3 2	Top ITS	4/80
1 7	2 6	2 5	Top ITS	4/80
1 4	2 7	2 7	Top ITS	4/80
1 2	2 7	2 2	Top ITS	4/80
9	2 7	2 0	Top ITS	4/80
1 2	2 8	2 7	Top ITS	4/80
1 3	2 8	2 1	Top ITS	4/80
1 4	2 8	2 5	Top ITS	4/80
1 5	2 8	2 5	Top ITS	4/80
1 4	2 9	2 5	Top ITS	4/80
1 2	2 9	2 6	Top ITS	4/80
1 2	3 0	3 0	Top ITS	4/80
1 3	3 0	3 0	Top ITS	4/80
1 4	3 0	2 0	Top ITS	4/80
1 5	3 1	2 6	Top ITS	4/80
1 4	3 1	2 9	Top ITS	4/80
1 3	3 1	2 6	Top ITS	4/80
1 2	3 3	3 2	Top ITS	4/80
1 2	3 4	3 0	Top ITS	4/80
1 8	3 4	3 2	Top ITS	4/80
6	3 5	4 3	Top ITS	4/80
6	3 7	2 0	Top ITS	4/80
2 3	3 9	4 1	Top ITS	4/80
2 5	5 3	2 5	Top ITS	4/80

# Steam Generator A

Row	Column	Through Wall	Location	Insp. Date
3 2	5 4	4 1	Top ITS	4/80
1 8	5 4	2 0	Top ITS	4/80
1 8	5 7	2 5	Top ITS	4/80
1 9	5 7	2 5	Top ITS	4/80
2 0	5 7	2 0	Top ITS	4/80
1 8	5 8	2 7	Top ITS	4/80
1 6	5 8	2 7	Top ITS	4/80
1 1	5 8	3 0	Top ITS	4/80
8	5 8	3 0	Top ITS	4/80
1 6	5 9	4 5	Top ITS	4/80
2 0	5 9	2 1	Top ITS	4/80
2 4	5 9	3 6	Top ITS	4/80
2 4	6 0	2 4	Top ITS	4/80
2 1	6 0	3 2	Top ITS	4/80
1 3	6 0	2 5	Top ITS	4/80
1 2	6 1	2 5	Top ITS	4/80
1 4	6 1	3 6	Top ITS	4/80
1 5	6 1	2 5	TS+3	4/80
1 6	6 1	2 9	Top ITS	4/80
1 7	6 1	2 0	Top ITS	4/80
2 0	6 1	3 8	Top ITS	4/80
2 1	6 1	4 6	Top ITS	4/80
2 4	6 2	2 4	Top ITS	4/80
1 8	6 2	2 2	Top ITS	4/80
5	6 2	2 0	Top ITS	4/80
1 4	6 2	3 7	TS+2	4/80
5	6 2	3 8	Top ITS	4/80

# Team Generator A

Row	Column	Through Wall	Location	Insp. Date
14	63	34	Top ITS	4/80
17	64	20	Top ITS	4/80
12	65	30	Top ITS	4/80
13	65	20	Top ITS	4/80
16	65	31	Top ITS	4/80
17	65	30	Top ITS	4/80
18	66	20	Top ITS	4/80
17	66	20	Top ITS	4/80
16	66	41	Top ITS	4/80
14	66	24	Top ITS	4/80
12	66	38	Top ITS	4/80
11	66	25	Top ITS	4/80
10	67	20	Top ITS	4/80
11	67	28	Top ITS	4/80
12	67	35	Top ITS	4/80
13	67	22	Top ITS	4/80
14	67	22	Top ITS	4/80
15	67	38	Top ITS	4/80
16	67	27	Top ITS	4/80
17	67	24	Top ITS	4/80
18	67	30	Top ITS	4/80
18	68	31	Top ITS	4/80
17	68	30	Top ITS	4/80
16	68	44	Top ITS	4/80
15	68	39	Top ITS	4/80
13	68	22	Top ITS	4/80
13	69	21	Top ITS	4/80

## Steam Generator A

[illegible]

**NUCLEAR ENERGY SERVICES, INC.**  
**CONAM INSPECTION DIVISION**

**EDDY CURRENT EXAMINATION REPORT**

DATA SET \_\_\_\_\_ OF \_\_\_\_\_  
 SHEET 6 OF \_\_\_\_\_

PLANT: HB ROBINSON

TYPE TEST: \_\_\_\_\_

TEST FREQUENCY: \_\_\_\_\_

UNIT: \_\_\_\_\_

TEST PROCEDURE NO. \_\_\_\_\_

MATERIAL: \_\_\_\_\_

OD: \_\_\_\_\_

GAUGE: \_\_\_\_\_

1-2 COMP I.D. NO.	4-5 SIDE	7-9 ROW	11-13 TUBE/ COLUMN	VERIFY REQD X X COMP.	TESTED	16-20 REEL NO. AND SIDE	23-27 INDICATION LOCATION	29-31 PERCENT DEPTH/ TYPE	34-38 INDICATION LOCATION	40-42 PERCENT DEPTH/ TYPE	45-49 INDICATION LOCATION	51-53 PERCENT DEPTH/ TYPE	56-60 INDICATION LOCATION	62-64 PERCENT DEPTH/ TYPE	68-71 TAPE INDEX
C	I	15	42	✓			TS	28							
		20	42	✓			TS	22							
		27	42	✓			TS	35							
		6	43	✓			1		TS-14-85		OK WHEN				—
		5	43	✓					TS-14-86		RETESTED				—
		3	43	✓			TS	48							—
		6	44	✓			TS	30							
		9	44	✓			TS	29							
		7	45	✓			TS	45							
		6	45	✓			TS	34							
		6	46	✓			TS	35							
		7	46	✓			TS	43							
		10	46	✓			TS	49							
		16	46	✓			FF		TF-14-80		OK WHEN RETESTED				—
		21	46	✓							TS+04 79				—
		8	47	✓			TS	40							
		6	48	✓			TS	30							
		8	48	✓			TS	34							
		11	49	✓			TS	31							
		9	49	✓			TS	36							

ET OPERATOR/LEVEL: \_\_\_\_\_

DATE: \_\_\_\_\_

PROGRAMMER: \_\_\_\_\_

DATE: \_\_\_\_\_

DATA ANALYST/LEVEL: \_\_\_\_\_

DATE: \_\_\_\_\_

REMARKS: \_\_\_\_\_

DATA CONTROLLER: \_\_\_\_\_

DATE: \_\_\_\_\_

We hereby certify the tubes listed have been examined with the procedure noted. This report represents Conam Inspection's interpretation of the results obtained from the examination and is not to be construed as a guaranty or warranty of the condition of the materials tested. Conam Inspection shall not be held liable for misinterpretation of conditions, loss, damage, injury or death arising from or attributable to delay preceding a test or subsequent to performance of a test.