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Carolina Power & Light Company Raleigh, N. C. 27602 N. B. Bessac		2-16-73	2-20-73	X			
TO:		ORIG	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
Mr. O'Leary		3 signed					
CLASS: <u>U</u> /PROP INFO		INPUT	NO CYS REC'D	DOCKET NO: 50-261			
DESCRIPTION:		ENCLOSURES:					
Ltr trans the following:		REPORT: Monthly Report of primary & secondary activity measurements & effluent discharge activity levels for January, 1973.					
NOTE: *PLEASE CIRCULATE-INSUFFICIENT COPIES RECEIVED FOR FULL DISTRIBUTION		( 40 cys of encl rec'd )					
PLANT NAMES: H. B. Robinson Unit No. 2		<div style="text-align: right;"> <b>Do Not Remove</b>  <b>ACKNOWLEDGED</b> </div>					

FOR ACTION/INFORMATION

2-21-73

AB

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✓ MUNIZING/STAFF	* MACCARY	GAMMILL	SMILEY	G. WILLIAMS	E
CASE	KNIGHT(2)	KASTNER	NUSSBAUMER	E. GOULBOURNE	L
GIAMBUSSO	PAWLICKI	BALLARD		A/T IND	
BOYD-L(BWR)	SHAO	SPANGLER	LIC ASST.	BRATTMAN	
✓ DEYOUNG-L(PWR)	* KNUTH		SERVICE L	SALTZMAN	
✓ SKOVHOLT-L	STELLO	ENVIRO	MASON L		
P. COLLINS	MOORE	MULLER	WILSON L	PLANS	
REG OPR	HOUSTON	DICKER	MAIGRET L	MCDONALD	
✓ FILE & REGION (2)	* TEDESCO	KNIGHTON	SMITH L	DUBE	
MORRIS	LONG	YOUNGBLOOD	GEARIN L		
✓ STEELE	LAINAS	PROJ LEADER	DIGGS L	INFO	
	BENAROYA		TEETS L	C. MILES	
		REGAN	LEE L		

EXTERNAL DISTRIBUTION

✓ 1-LOCAL PDR Hartville, S. C.	(1)(2)(9)-NATIONAL LAB'S	1-GERALD ULRIKSON...ORNL
✓ 1-DTIE(ABERNATHY)	1-R. CARROLL-OC, GT-B227	1-PDR-SAN/LA/NY
✓ 1-NSIC(BUCHANAN)	1-R. CATLIN, E-256-GT	1-GERALD LELLOUCHE
1-ASLB-YORE/SAYRE	1-CONSULANT'S	BROOKHAVEN NAT. LAB
WOODWARD/H. ST.	NEWARK/BLUME/AGABIAN	1-AGMED(WALTER KOESTER,
✓ 16-CYS ACRS <del>HOLDING</del> SENT TO LIC ASST.		Rm C-427, GT)
S. TEETS ON 2-21-73		1-RD...MULLER...F-309GT

Regulatory

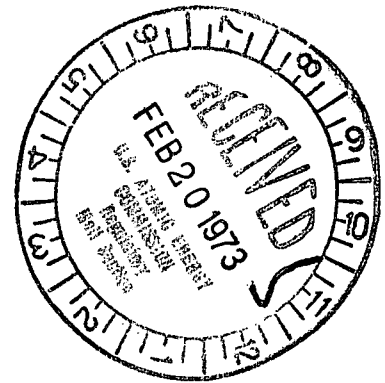
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**CP&L**

Carolina Power & Light Company

50-261

February 16, 1973



Mr. John F. O'Leary, Director  
Directorate of Reactor Licensing  
United States Atomic Energy Commission  
Washington, D. C. 20545

H. B. ROBINSON UNIT NO. 2  
LICENSE DPR-23

MONTHLY REPORT OF PRIMARY AND SECONDARY ACTIVITY  
MEASUREMENTS AND EFFLUENT DISCHARGE ACTIVITY LEVELS

Dear Mr. O'Leary:

In accordance with the requirements of the "Interim Conditions for Operation, H. B. Robinson Unit No. 2", dated September 12, 1972, we hereby submit as an attachment the monthly report of primary and secondary activity measurements and effluent discharge activity levels for January, 1973.

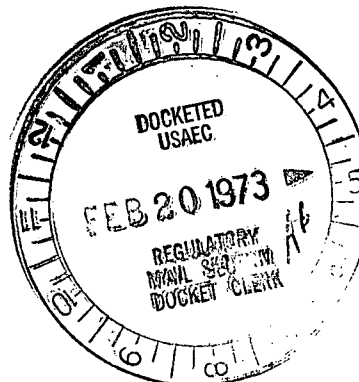
Very truly yours,

N. B. Bessac  
Manager  
Nuclear Generation

NBB/za

Enclosure

cc: Mr. C. D. Barham  
Mr. B. J. Furr  
Mr. D. V. Menscer  
Mr. E. E. Utley



## A.E.C. INTERIM MONTHLY REPORT

MONTH AND YEAR: *JAN. 1973*

DAY	RCS GROSS DEGASSED ACTIVITY, uci/ml	STEAM GENERATOR GROSS ACTIVITY, uci/ml			LIQUID DISCHARGE, mci	
		A	B	C	GROSS ACTIVITY	GROSS IODINE
1	$2.29 \times 10^{-1}$	$6.25 \times 10^{-7}$	0	0		
2	$2.83 \times 10^{-1}$	0	0	0		
3	$5.69 \times 10^{-1}$	0	0	0		
4	$5.33 \times 10^{-1}$	0	0	0		
5	$2.19 \times 10^{-1}$					
6					Dissolved Gases	
7						
8						
9	$1.9 \times 10^{-1}$	$3.92 \times 10^{-6}$	$4.22 \times 10^{-6}$	$4.06 \times 10^{-6}$		
10	$3.67 \times 10^{-1}$	$1.32 \times 10^{-6}$	0	$1.82 \times 10^{-6}$		
11	$4.07 \times 10^{-1}$	0	0	0	Particulate	0.023
12	$3.65 \times 10^{-1}$	0	$1.2 \times 10^{-6}$	$1.12 \times 10^{-6}$		
13	$3.64 \times 10^{-1}$					
14						
15	$4.08 \times 10^{-1}$	0	0	0		
16	$4.13 \times 10^{-1}$	0	0	0	8.63	
17	$3.60 \times 10^{-1}$	$1.07 \times 10^{-5}$	$1.157 \times 10^{-5}$	$1.107 \times 10^{-5}$		
18	$3.90 \times 10^{-1}$	$3.24 \times 10^{-6}$	$2.76 \times 10^{-6}$	$5.3 \times 10^{-6}$		
19	$3.53 \times 10^{-1}$	$3.36 \times 10^{-6}$	$3.32 \times 10^{-6}$	$8.4 \times 10^{-6}$		
20	$3.32 \times 10^{-3}$	0	0	0		
21						
22	$3.5 \times 10^{-1}$	0	0	0		
23	$5.72 \times 10^{-1}$	0	0	0		
24	$8.31 \times 10^{-1}$	0	0	0		
25	$3.58 \times 10^{-1}$	0	0	0		
26	$5.43 \times 10^{-1}$	0	0	0		
27	$6.06 \times 10^{-1}$	0	0	0		
28						
29	$3.13 \times 10^{-1}$	0	0	0		
30	$4.21 \times 10^{-1}$	0	0	0		
31	$5.14 \times 10^{-1}$	0	0	0		

0 means less than MDA of  $1.25 \times 10^{-6}$  microcuries/ml.