

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL**  
(TEMPORARY FORM)

CONTROL NO: 3145

<b>FROM:</b> Carolina Power & Light Company Raleigh, N. C. 27602 N. B. Bessac		<b>DATE OF DOC:</b> 5-11-73	<b>DATE REC'D</b> 5-14-73	<b>LTR</b> X	<b>MEMO</b>	<b>RPT</b>	<b>OTHER</b>
<b>TO:</b> Mr. O'Leary		<b>ORIG</b> 1 signed	<b>CC</b>	<b>OTHER</b>	<b>SENT AEC PDR</b> X <b>SENT LOCAL PDR</b> X		
<b>CLASS:</b> <u>U</u> PROP INFO		<b>INPUT</b>	<b>NO CYS REC'D</b> 1		<b>DOCKET NO:</b> 50-261		

**DESCRIPTION:**

Ltr furnishing correction to the attached table to their ltr dtd 5-1-73 concerning an incident on 4-23-73 regarding a spill of water from the refueling water storage tank.....  
W/Attached corrected Table.

**ENCLOSURES:**

**Do Not Remove**  
**ACKNOWLEDGED**

**PLANT NAMES:** H. B. Robinson Unit No. 2

**FOR ACTION/INFORMATION**

5-15-73

AB

BUTLER(L)	SCHWENCER(L)	ZIEMANN(L)	YOUNGBLOOD(E)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
CLARK(L)	STOLZ(L)	ROUSE(FM)	REGAN(E)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
GOLLER(L)	VASSALLO(L)	DICKER(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies
KNIEL(L)	✓ SCHEMEL(L)	KNIGHTON(E)	
W/ Copies	W/ 7 Copies	W/ Copies	W/ Copies

**INTERNAL DISTRIBUTION**

✓ REG FILE ✓ AEC-PDR ✓ OGC, ROOM P-506A ✓ MUNTZING/STAFF CASE GIAMBUSSO BOYD V. MOORE-L(BWR) DEYOUNG-L(PWR) ✓ SKOVHOLT-L P. COLLINS  REG OPR ✓ FILE & REGION(2) ✓ MORRIS ✓ STEELE	✓ TECH REVIEW ✓ HENDRIE ✓ SCHROEDER ✓ MACCARY ✓ KNIGHT ✓ PAWLICKI ✓ SHAO ✓ STELLO ✓ HOUSTON ✓ NOVAK ✓ ROSS ✓ IPPOLITO ✓ TEDESCO ✓ LONG ✓ LAINAS ✓ BENAROYA ✓ VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER  ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJ LEADER  HARLESS	F & M SMILEY NUSSBAUMER  LIC ASST. SERVICE L WILSON L GOULBOURNE L SMITH L GEARIN L DIGGS L TEETS L LEE L MAIGRET L SHAFER F & M	WADE E BROWN E G. WILLIAMS E SHEPPARD E  A/T IND BRAITMAN SALTZMAN  PLANS MCDONALD DUBE  INFO C. MILES
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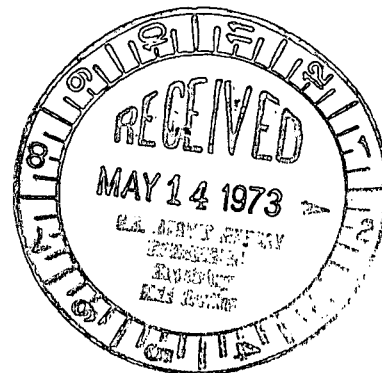
**EXTERNAL DISTRIBUTION**

✓ 1-LOCAL PDR Hartville, S. C. ✓ 1-DTIE(ABERNATHY) ✓ 1-NSIC(BUCHANAN) 1-ASLB-YORE/SAYRE WOODWARD/H ST. ✓ 16-CYS ACRS HOLDING SENT TO LIC ASST. S. TEETS ON 5-15-73	(1)(2)(9)-NATIONAL LAB'S 1-R. CARROLL-C, GT-B227 1- R. CATLIN,E-256-GT 1- CONSULTANT'S NEWARK/BLUME/AGABIAN 1- GERLAD ULRIKSON....ORNL	1-PDR-SAN/LA/NY 1- GERALD LELLOUCHE BROOKHAVEN NAT. LAB 1-AGMED(WALTER KOESTER, RM C-427, GT) 1- RD...MULLER...F-309GT
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Carolina Power &amp; Light Company

May 11, 1973



Mr. John F. O'Leary  
Directorate of Reactor Licensing  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

Dear Mr. O'Leary:

50-261

H. B. ROBINSON UNIT NO. 2  
LICENSE DPR-23  
REFUELING WATER STORAGE TANK  
SPILL TO THE PLANT DRAINAGE SYSTEM

In our letter of May 1, under the above subject heading, we omitted part of the column headings in the attachment. I am enclosing 40 copies of the attachment which has been corrected to show the complete column headings. Please destroy all copies of the other attachment and replace with this one.

Very truly yours,

N. B. Bessac  
Manager  
Nuclear Generation

NBB/za

Enclosures

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



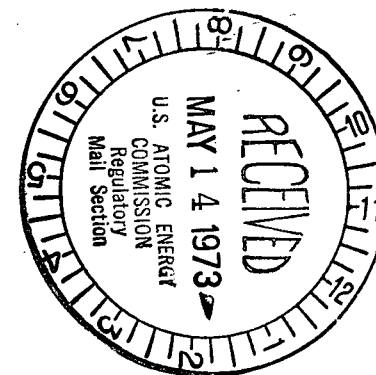
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ISOTOPE	RWST	CONCENTRATION			CONCENTRATION		
	SAMPLE ANALYSIS $\mu\text{Ci/ml}$	MPC 10 CFR 20 $\mu\text{Ci/ml}$	IN DRAINAGE DITCH (1) $\mu\text{Ci/ml}$	MPCF	IN BLACK CREEK (2) $\mu\text{Ci/ml}$	MPCF	MILLICURIES RELEASED (3)
Co-57	$2.23 \times 10^{-5}$	$4 \times 10^{-4}$	$2.02 \times 10^{-7}$	0.0005	$1.18 \times 10^{-9}$	.000003	0.75
Cr-51	$1.37 \times 10^{-3}$	$2 \times 10^{-3}$	$1.25 \times 10^{-5}$	0.00625	$7.28 \times 10^{-8}$	.000036	46.28
Co-58	$6.69 \times 10^{-3}$	$9 \times 10^{-5}$	$6.09 \times 10^{-5}$	0.677	$3.55 \times 10^{-7}$	.003944	255.99
Cs-134	$2.98 \times 10^{-4}$	$9 \times 10^{-6}$	$2.71 \times 10^{-6}$	0.301	$1.58 \times 10^{-8}$	.001756	10.07
Cs-137	$3.53 \times 10^{-4}$	$2 \times 10^{-5}$	$3.21 \times 10^{-6}$	0.1605	$1.87 \times 10^{-8}$	.000935	11.92
Nb-95	$1.03 \times 10^{-4}$	$1 \times 10^{-4}$	$9.38 \times 10^{-7}$	0.0094	$5.47 \times 10^{-9}$	.000055	3.48
Mn-54	$3.82 \times 10^{-4}$	$1 \times 10^{-4}$	$3.48 \times 10^{-6}$	0.0348	$2.03 \times 10^{-8}$	.000203	12.90
Co-60	$2.01 \times 10^{-3}$	$3 \times 10^{-5}$	$1.83 \times 10^{-5}$	<u>0.610</u>	$1.07 \times 10^{-7}$	<u>.00356</u>	<u>67.90</u>
TOTALS				1.804		.0105	379.29
H-3	$9.89 \times 10^{-3}$	$3 \times 10^{-3}$	$9.0 \times 10^{-4}$	0.30	$5 \times 10^{-7}$	.0002	334.0

(1) Based on a 24 hour average and a flow in the ditch of 680 gpm

(2) Based on a 24 hour average and a flow in Black Creek of  $260 \text{ ft}^3/\text{sec}$

(3) Based on a release of 8925 gallons.



50-261

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