

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 3145

FROM: Carolina Power & Light Company Raleigh, N. C. 27602 N. B. Bessac		DATE OF DOC: 5-11-73	DATE REC'D 5-14-73	LTR X	MEMO	RPT	OTHER
TO: Mr. O'Leary		ORIG 1 signed	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS: <u>U</u> PROP INFO		INPUT	NO CYS REC'D 1		DOCKET NO: 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)
W/ Copies | SCHWENCER(L)
W/ Copies | ZIEMANN(L)
W/ Copies | YOUNGBLOOD(E)
W/ Copies |
| CLARK(L)
W/ Copies | STOLZ(L)
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| KNIEL(L)
W/ Copies | ✓ SCHEMEL(L)
W/ 7 Copies | KNIGHTON(E)
W/ Copies | W/ Copies |

INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

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



Carolina Power & 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



3145

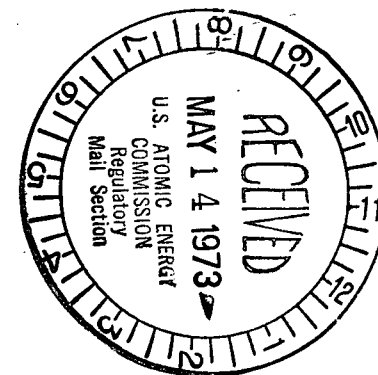
ISOTOPE	RWST		CONCENTRATION		CONCENTRATION		MILLICURIES RELEASED (3)
	SAMPLE ANALYSIS μCi/ml	MPC 10 CFR 20 μCi/ml	IN DRAINAGE DITCH (1) μCi/ml	MPCF	IN BLACK CREEK (2) μCi/ml	MPCF	
Co-57	2.23×10^{-5}	4×10^{-4}	2.02×10^{-7}	0.0005	1.18×10^{-9}	.000003	0.75
Cr-51	1.37×10^{-3}	2×10^{-3}	1.25×10^{-5}	0.00625	7.28×10^{-8}	.000036	46.28
Co-58	6.69×10^{-3}	9×10^{-5}	6.09×10^{-5}	0.677	3.55×10^{-7}	.003944	255.99
Cs-134	2.98×10^{-4}	9×10^{-6}	2.71×10^{-6}	0.301	1.58×10^{-8}	.001756	10.07
Cs-137	3.53×10^{-4}	2×10^{-5}	3.21×10^{-6}	0.1605	1.87×10^{-8}	.000935	11.92
Nb-95	1.03×10^{-4}	1×10^{-4}	9.38×10^{-7}	0.0094	5.47×10^{-9}	.000055	3.48
Mn-54	3.82×10^{-4}	1×10^{-4}	3.48×10^{-6}	0.0348	2.03×10^{-8}	.000203	12.90
Co-60	2.01×10^{-3}	3×10^{-5}	1.83×10^{-5}	<u>0.610</u>	1.07×10^{-7}	<u>.00356</u>	<u>67.90</u>
TOTALS				1.804		.0105	379.29
H-3	9.89×10^{-3}	3×10^{-3}	9.0×10^{-4}	0.30	5×10^{-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 ft³/sec

(3) Based on a release of 8925 gallons.

3145



50-261