

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

CONTROL NO: 6671

FILE:

FROM: Carolina Power & Light Company Raleigh, N. C. 27602 E. E. Utley			DATE OF DOC 8-29-73	DATE REC'D 9-4-73	LTR X	MEMO	RPT	OTHER
TO: Mr. O'Leary			ORIG 3 signed	CC	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D 40		DOCKET NO: 50-261		
XXX								
DESCRIPTION: Ltr reporting an abnormal occurrence on 8-23-73, regarding a liquid waste release without representative sample.....				ENCLOSURES:				
PLANT NAME: H. B. Robinson Unit # 2				<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>ACKNOWLEDGED</b>  <b>Do Not Remove</b> </div>				

FOR ACTION/INFORMATION

9-7-73 AB

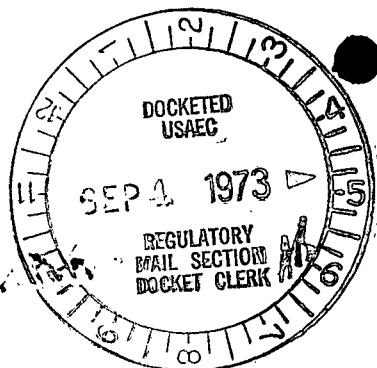
BUTLER(L) W/ Copies	SCHWENCER(L) W/ Copies	ZIEMANN(L) W/ Copies	REGAN(E) W/ Copies
CLARK(L) W/ Copies	STOLZ(L) W/ Copies	DICKER(E) W/ Copies	
GOLLER(L) W/ Copies	VASSALLO(L) W/ Copies	KNIGHTON(E) W/ Copies	W/ Copies
KNIEL(L) W/ Copies	✓ SCHEMEL(L) W/7 Copies	YOUNGBLOOD(E) W/ Copies	W/ Copies

**INTERNAL DISTRIBUTION**

✓ <u>REG FILE</u>	✓ <u>TECH REVIEW</u>	DENTON	LIC ASST	A/T IND
✓ AEC PDR	✓ HENDRIE	GRIMES		BRAITMAN
✓ OGC, ROOM P-506A	✓ SCHROEDER	GAMMILL	DIGGS (L)	SALTZMAN
✓ MUNTZING/STAFF	✓ MACCARY	KASTNER	GEARIN (L)	
✓ CASE	✓ KNIGHT	BALLARD	GOULBOURNE (L)	<u>PLANS</u>
GIAMBUSSO	✓ PAWLICKI	SPANGLER	LEE (L)	MCDONALD
BOYD	✓ SHAO		MAIGRET (L)	DUBE
MOORE (L)(BWR)	✓ STELLO	<u>ENVIRO</u>	SERVICE (L)	
DEYOUNG(L)(PWR)	✓ HOUSTON	MULLER	SHEPPARD (E)	<u>INFO</u>
✓ SKOVHOLT (L)	✓ NOVAK	DICKER	SMITH (L)	C. MILES
P. COLLINS	✓ ROSS	KNIGHTON	✓ TEETS (L)	✓ B. KING (RO)
	✓ IPPOLITO	YOUNGBLOOD	WADE (E)	
<u>REG OPR</u>	✓ TEDESCO	REGAN	WILLIAMS (E)	
✓ FILE & REGION(3)	✓ LONG	PROJECT LDR	WILSON (L)	
✓ MORRIS	✓ LAINAS			
✓ STEELE	✓ BENAROYA	HARLESS		
	✓ VOLMER			

**EXTERNAL DISTRIBUTION**

✓ 1 - LOCAL PDR Hartville, S. C.	(1)(2)(10)-NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓ 1 - DTIE(ABERNATHY)	1-R.Schoonmaker, OC, GT, D-323	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
WOODARD/"H" ST.	NEWMARK/BLUME/AGBABIAN	RM-C-427-GT
✓ 16 - CYS ACRS HOLDING SENT TO LIC ASST,	1-GERALD ULRIKSON...ORNL	1-RD..MULLER..F-309 GT
S. TEETS ON 9-7-73		



Regulatory

File Cy.

**CP&L**

Carolina Power &amp; Light Company

August 29, 1973

File: NG 3514

Serial: NG-73-339

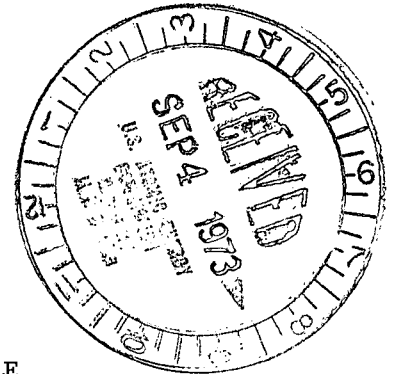
Mr. John F. O'Leary, Director  
Directorate of Licensing  
U. S. Atomic Energy Commission  
Washington, D. C. 20545

50 - 261

Dear Mr. O'Leary:

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

LIQUID WASTE RELEASE WITHOUT REPRESENTATIVE SAMPLE



On August 23, 1973, one of the waste condensate tanks, containing distillate from the waste evaporator, was in the process of being released under a properly documented liquid waste release permit. Immediately upon initiation of the release, it was automatically terminated by the action of radiation monitor R-18 located in the effluent discharge line. As the liquid being released had been analyzed and gross particulate activity determined to be only 0.00000335 UC/CC, it was assumed that the "pig" which shields the effluent monitor, R-18, had become contaminated and was alarming erroneously. The "pig" was back flushed with service water and the indication decreased from 150K CPM to 20K CPM. At this time the release was re-initiated and was immediately terminated by the actions described previously.

A technician was called at this time and the tank in question sampled for another analysis. This analysis indicated the contents of the tank contained gross particulate activity of 0.00263 UC/CC.

An investigation was begun to find the cause of the discrepancy in the two activity determinations. Following several lengthy discussions, the auxiliary operator who requested the original sample stated that he had failed to recirculate the liquid through the polishing demineralizers; therefore, the sample which was analyzed was a "polished" sample trapped in the lines following a prior clean-up evolution.

No release limits were violated as only 1.39 MCI of activity was released while attempting to discharge the contents of the waste condensate tank to the circulating water system; however, administrative procedures were violated in that the liquid was not recirculated prior to sampling. Adequate procedures and check-off sheets were provided but due to an operator error, they were not implemented properly.

Mr. John F. O'Leary

- 2 -

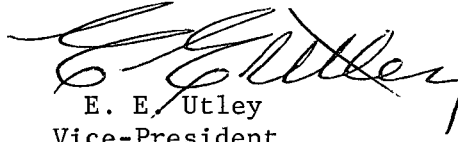
August 29, 1973

To prevent this type of violation from recurring, all operators have been cautioned to utilize the procedures and check-off sheets which are provided and to ensure that each is followed precisely. The operator responsible for this violation has been reprimanded and further disciplinary action is being considered.

This abnormal occurrence was reported to Mr. Herb Whitener of DRO, Atlanta, by telephone; to Mr. Norman C. Moseley of DRO, Atlanta; and to your office by telecopier at an earlier date.

It is felt that the actions taken and/or planned are adequate to minimize occurrences such as this in the future.

Yours very truly,



E. E. Utley  
Vice-President  
Bulk Power Supply

JBM:DBW:mvp

cc: Messrs. C. D. Barham  
N. B. Bessac  
B. J. Furr  
D. V. Menscer  
N. C. Moseley  
D. B. Waters