

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 6254

FILE: _____

FROM: Carolina Power & Light Co. Raleigh, N. C. 27602 E. E. Utley		DATE OF DOC 8-9-73	DATE REC'D 8-16-73	LTR X	MEMO	RPT	OTHER
TO: John F. O'Leary		ORIG 3 signed	CC 37	OTHER	SENT AEC PDR X SENT LOCAL PDR X		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 40	DOCKET NO: 50-261		

DESCRIPTION:
Ltr. reporting an abnormal occurrence, regarding safety injection accumulator volumes below tech. spec. requirements.....

ENCLOSURES:
ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: H. B. Robinson Unit #2

FOR ACTION/INFORMATION 8-16-73 GC

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INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

✓1 - LOCAL PDR <u>Hartville, S. C.</u>	(1)(2)(9)-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/ WOODARD/"H" ST.	1-CONSULTANT'S	1-AGMED(WALTER KOESTER
✓16 - CYS ACRS XXXXXX SENT TO LIC. ASST.	NEWMARK/BLUME/AGBABIAN	RM-C-427-GT
8-16-73 TEETS	1-GERALD ULRIKSON...ORNL	1-RD..MULLER..F-309 GT

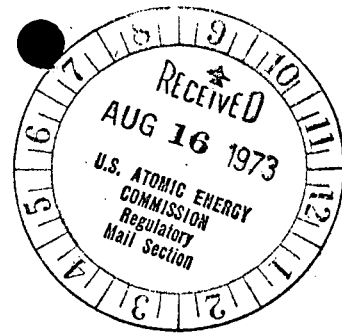
Regulatory Docket File

CP&L

Carolina Power & Light Company

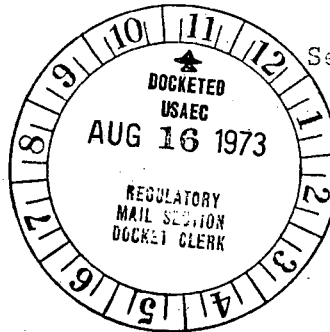
August 9, 1973

50 - 261



File: NG-5211.1

Serial: NG-73-267



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

Dear Mr. O'Leary:

H. B. ROBINSON UNIT NO. 2
LICENSE NO. DPR-23
SAFETY INJECTION ACCUMULATOR VOLUMES
BELOW TECHNICAL SPECIFICATION REQUIREMENTS

Recently, it was discovered that the water volume in the safety injection accumulators had at times been below the minimum required by the Technical Specifications. This violation was reported by telephone to Mr. Bill Siedle of DRO and to Mr. Norman C. Moseley of the same office by telegraph on August 6, 1973.

Due to an error in the original accumulator volume calculations supplied by the reactor vendor, the high and low level alarm setpoints had been incorrectly fixed. The incorrect setpoints were 15 percent for low level alarm and 33 percent for high level alarm. To maintain the correct volumes, levels must be controlled within a range of 21.4 percent and 40.4 percent.

In the event that water levels dropped below 21.4 percent this would have been a violation, however, at 15 percent the water volume would have been 99.3 percent of the lower Technical Specification limit. No violations should have occurred at the high end since an alarm would have sounded at 33 percent which is well below the correct high limit of 40.4 percent.

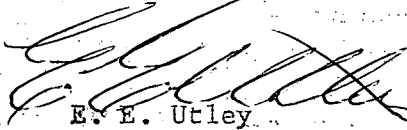
Mr. John F. O'Leary

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August 9, 1973

New setpoint documentation has been reviewed and approved. The new setpoint limits are 24 percent for low level alarm and 38 percent for high level alarm. This will initiate an alarm well before a violation occurs on either high or low levels.

Yours very truly,



E. E. Utley
Vice-President
Bulk Power Supply

KPY:NBB:mvp

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