

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 3133

FILE: Misc

FROM: Carolina Power & Light Company Raleigh, N. C. 27602 E. E. Utley			DATE OF DOC 4-9-74	DATE REC'D 4-9-74	LTR	MEMO	RPT	OTHER
TO:  Mr. O'Leary			ORIG	CC	OTHER	SENT AEC PDR <u>X</u> SENT LOCAL PDR <u>X</u>		
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-261		
DESCRIPTION: Facsimile, requesting an extension of the H. B. Robinson Unit No. 2, Cycle 2 operating lifetime to 7400 BPPH.....			ENCLOSURES:					
PLANT NAME: H. B. Robinson Unit # 2			Do Not Remove					

FOR ACTION/INFORMATION

4-10-74

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	W/ Copies
GOLLER(L) W/ Copies	VASSALLO(L) W/ Copies	KNIGHTON(E) W/ Copies	W/ Copies
KNIEL(L) W/ Copies	✓ SCHEMEL(L) W/9 Copies	YOUNGBLOOD(E) W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

✓ REG FILE	TECH REVIEW	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)	B. HURT
CASE	KNIGHT	BALLARD	GOULBOURNE (L)	PLANS
GIAMBUSSO	PAWLICKI	SPANGLER	LEE (L)	MCDONALD
BOYD	SHAO		MAIGRET (L)	DUBE w/Input
MOORE (L) (BWR)	STELLO	ENVIRO	REED (E)	INFO
DEYOUNG(L) (PWR)	HOUSTON	MULLER	SERVICE (L)	C. MILES
✓ SKOVHOLT (L)	NOVAK	DICKER	SHEPPARD (L)	B. KING
P. COLLINS	ROSS	KNIGHTON	SLATER (E)	
DENISE	IPPOLITO	YOUNGBLOOD	SMITH (L)	
REG OPR	TEDESCO	REGAN	✓ TEETS (L)	
✓ FILE & REGION(3)	LONG	PROJECT LDR	WADE (E)	
MORRIS	LAINAS		WILLIAMS (E)	
STEELE	BENAROYA	HARLESS	WILSON (L)	
	VOLLMER			

EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR Hartville, S. C.	(1) (2) (10) - NATIONAL LAB'S	1-PDR-SAN/LA/NY
✓ 1 - DTIE(ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
✓ 1 - NSIC(BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB(YORE)	1-CONSULTANT'S	1-AGMED(Ruth Gussman)
	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
✓ 16 - CYS ACRS HOLDING SENT TO LIC ASST.	1-GERALD ULRIKSON...ORNL	1-RD..MULLER..F-309 GT
S. TEETS ON 4-10-74		



Carolina Power &amp; Light Company

April 9, 1974

Rec'd 4/9  
2:58-BETH

File: NC-3514

Serial: NC-74-418

50-261

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

Dear Mr. O'Leary:

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

EXTENSION OF CYCLE 2 OPERATING LIFETIME

On March 7, 1974, Carolina Power & Light Company requested an extension of H. B. Robinson Unit No. 2, Cycle 2 operating lifetime to 7400 EPPH in order to meet its revised refueling outage date of May 4, 1974, and still maintain maximum rated power output. The required extension of 400 EPPH over the present limit of 7000 EPPH was based on continuous operation at 95% load factor; however, in the intervening month, the plant has operated at approximately 98% load factor with the result that the requested limit of 7400 EPPH may be exceeded prior to the May 4 shutdown date.

We, therefore, request that the lifetime limit addressed in the letter of March 7, 1974, be increased from 7400 EPPH to 7500 EPPH. The supporting analyses and conclusions remain essentially the same, except that the number of additional collapsed rods increases from 120 to 150, the available shutdown margin is reduced slightly from 2.23% to 2.22% (required shutdown margin = 2.20%), and the steam generator leakage rate limit is reduced from 0.3 gpm to 0.29 gpm during operation in excess of 7000 EPPH.

With these changes and limits, Carolina Power & Light Company concludes that operation up to a Cycle 2 lifetime of 7500 EPPH will not result in an increase in hazard to the health and safety of the general public.

DBW:mvp

Yours very truly,

cc: Messrs. N. B. Bassac  
T. E. Bowman  
B. J. Furr  
W. B. Howell  
D. V. Menacer  
D. B. Waters

E. E. Utley  
Vice-President  
Bulk Power Supply



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