

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 5998

FROM: Carolina Power & Light LCo Raleigh, N.C. 27602 E.E. Utley		DATE OF DOC: 10-30-72	DATE REC'D 11-2-72	LTR X	MEMO	RPT	OTHER
TO: Mr. D.J. Skovholt		ORIG 1 signed	CC	OTHER	SENT AEC PDR ✓ SENT LOCAL PDR ✓		
CLASS: U PROP INFO		INPUT	NO CYS REC'D 1		DOCKET NO: 50-261		

DESCRIPTION: Ltr submitted as a report adv that two service water booster pump motors are to be replaced with motors with higher horsepower rating & adv of several overload trips.....

ENCLOSURES:

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAMES: H.B. Robinson Unit 2

FOR ACTION/INFORMATION				DL 11-3-72	11/6/72
BUTLER(L)	SCHWENGER(L)	✓ SCHEMEL(L)	KNIGHTON(E)		
W/ Copies	W/ Copies	W/ 9 Copies	W/ Copies		
CLARK(L)	STOLZ(L)	ZIEMANN(L)	YOUNGBLOOD(E)		
W/ Copies	W/ Copies	W/ Copies	W/ Copies		
GOLLER(L)	VASSALLO(L)	CHITWOOD(FM)	REGAN(E)		
W/ Copies	W/ Copies	W/ Copies	W/ Copies		
KNIEL(L)	H. DENTON	DICKER(E)			
W/ Copies	W/ Copies	W/ Copies	W/ Copies		

INTERNAL DISTRIBUTION

✓ REG FILE	TECH REVIEW	✓ VOLLMER	HARLESS	WADE	E
✓ REC PDR	✓ HENDRIE	DENTON		SHAFFER	F & M
✓ GC, ROOM P-506A	✓ SCHROEDER	GRIMES	F & M	BROWN	E
✓ MINUTING/STAFF	✓ MACCARY	GAMMILL	SMILEY	G. WILLIAMS	E
✓ CASE	✓ LANGE	KASTNER	NUSSBAUMER	E. GOULBOURNE	L
✓ GIAMBUSSO	✓ PAWLICKI	BALLARD		A/T IND	
✓ BOYD-L(BWR)	✓ CHAO	FINE	LIC ASST.	BRAITMAN	
✓ DEYOUNG-L(PWR)	✓ KNUTH		SERVICE L	SALTZMAN	
✓ SKOVHOLT-L	✓ STELLO	ENVIRO	MASON L		
P. COLLINS	✓ MOORE	MULLER	WILSON L	PLANS	
REG OPR	✓ HOUSTON	DICKER	MAIGRET L	MCDONALD	
FILE & REGION (2)	✓ TEDESCO	KNIGHTON	SMITH L	DUBE	
✓ MORRIS	✓ LONG	YOUNGBLOOD	GEARIN L		
✓ STELLE	✓ LAINAS	PROJ LEADER	DIGGS L	INFO	
	✓ BENAROYA		✓ TEETS L	C. MILES	
		REGAN	LEE L		

EXTERNAL DISTRIBUTION

✓ 1-LOCAL PDR Hartville, S.C.			
✓ 1-DTIE(ABERNATHY)	(1)(5)(9)-NATIONAL LAB'S	1-PDR-SAN/LA/NY	
✓ 1-NSIC(BUCHANAN)	1-R. CARROLL-OC, GT-B227	1-GERALD LELLOUCHE	
1-ASLB-YORE/SAYRE	1-R. CATLIN, A-170-GT	BROOKHAVEN NAT. LAB	
WOODWARD/H. ST.	1-CONSULANT'S	1-AGMED(WALTER KOESTER,	
16-CYS ACRS	NEWMARK/BLUME/AGABIAN	Rm C-427, GT)	
SENT TO LIC. ASST.		1-RD...MULLER...F-309GT	
S. TEETS ON 11-3-72			

50-261

Carolina Power & Light Company

Raleigh, North Carolina 27602

October 30, 1972

Mr. D. J. Skovholt
Asst. Director for Operating Reactors
Directorate of Licensing
United States Atomic Energy Commission
Washington, D. C. 20545



H. B. ROBINSON UNIT NO. 2
LICENSE DPR-23
SERVICE WATER BOOSTER PUMPS

Regulatory

File Cy.

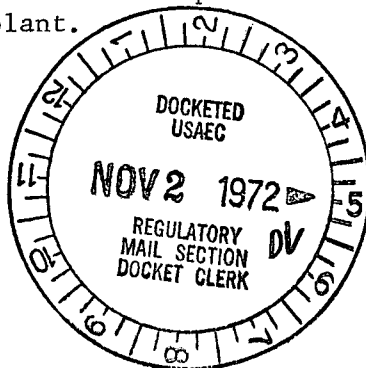
Dear Mr. Skovholt:

This letter is to provide notification of our intention to replace the two service water booster pump motors currently in service at H. B. Robinson Unit No. 2 with motors of higher horsepower rating.

Since plant startup, we have experienced several overload trips of the present pump motors. Extensive investigation indicates that the motors are marginally sized, and that, in order to achieve completely reliable performance of the service water system it is necessary to replace the existing motors with motors of higher power rating.

The present pump motors are 100 hp (75 KW) and will be replaced with motors of 125 hp (94 KW). The new motors are of the same design and are manufactured in accordance with the same engineering specifications as the original motors. The actual running power demand of the new motors will be substantially the same as the present motors since flow and head requirements will be unchanged. Assuming, however, the conservative figure of 19 KW per motor additional power required, the emergency diesel loading during the LOCA Injection Phase would be 2473 KW. This is below the diesel long term rating of 2500 KW.

The new motors are now on order. Both the Plant Nuclear Safety Committee and the Company Nuclear Safety Committee have reviewed the proposed change and agree that there are no adverse safety issues involved. The change of motors will be completed as soon as practicable following their arrival at the plant.



Yours very truly,

E. E. Utley
E. E. Utley
Vice President
Bulk Power Supply

NBB/za

cc: Mr. C. D. Barham
Mr. N. B. Bessac
Mr. B. J. Furr

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