AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 2226

FILE

FROM:	DATE OF DOC:	DATE REC'D	LTR	MEMO	RPT	OTHER
Carolina Power & Light Co. Raleigh, N. C. 27602 E. E. Utley	4-2-73	4-4-73	X			

TO:	ORIG	CC	OTHER	SENT AEC PDR	SENT LOCAL PDR
Mr. Skovholt	3 signed			X	X

CLASS: (U) PROP INFO	INPUT	NO CYS REC'D	DOCKET NO:
	X	40	50-261

DESCRIPTION:
Ltr re their TWX, dtd 3-31-73.....requesting change to Tech Specs - Surveillance of Charcoal & Hepa Filters.....

ENCLOSURES:

Do Not Remove

ACKNOWLEDGED

PLANT NAMES: H. B. Robinson Unit No. 2

FOR ACTION/INFORMATION 4-5-73 AB

BUTLER(L) W/ Copies	SCHWENCER(L) W/ Copies	ZIEMANN(L) W/ Copies	YOUNGBLOOD(E) W/ Copies
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✓ MUNTZING/STAFF	MACCARY	KASTNER		SHEPPARD E
CASE	KNIGHT(2)	BALLARD	LIC ASST.	
GIAMBUSSO	PAWLICKI	SPANGLER	SERVICE L	A/T IND
BOYD	SHAO		WILSON L	BRAITMAN
V. MOORE-L(BWR)	STELLO	ENVIRO	GOULBOURNE L	SALTZMAN
✓ DEYOUNG-L(PWR)	HOUSTON	MULLER	SMITH L	
✓ SKOVHOLT-L	NOVACK	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		SHAFER F & M	C. MILES
STEELE	BENAROYA	HARLESS		✓ ALLEN CABELL
	VOLLMER			

EXTERNAL DISTRIBUTION

✓ 1-LOCAL PDR Hartville, S. C.
✓ 1-DTIE(ABERNATHY)
✓ 1-NSIC(BUCHANAN)
1-ASLB-YORE/SAYRE
WOODWARD/H ST.
✓ 16-CYS ACRS ~~XXXXXXXX~~ SENT TO LIC ASST. S. TEETS ON 4-5-73

(1)(2)(9)-NATIONAL LAB'S
1-R. CARROLL-'C, GT-B227
1- R. CATLIN,E-256-GT
1- CONSULTANT'S NEWMARK/BLUME/AGABIAN
1- GERLAD ULRIKSON....ORNL

1-PDR-SAN/LA/NY
1- GERALD LELLOUCHE
BROOKHAVEN NAT. LAB
1-AGMED(WALTER KOESTER, RM C-427, GT)
1- RD...MULLER...F-309GT

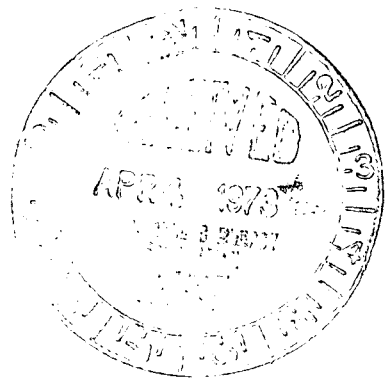
Regulatory File

CP&L

Carolina Power & Light Company

50-261

April 2, 1973



Mr. D. J. Skovholt
Assistant Director for Operating Reactors
Directorate of Reactor Licensing
U. S. Atomic Energy Commission
Washington, D. C. 20545

Dear Mr. Skovholt:

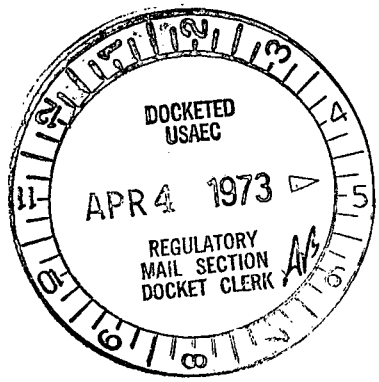
H. B. ROBINSON UNIT NO. 2
LICENSE DPR-23
REQUEST FOR TEMPORARY REVISION OF TECHNICAL SPECIFICATIONS
SURVEILLANCE OF CHARCOAL AND HEPA FILTERS

This will confirm my telegram to you dated March 31, 1973 concerning a request for temporary revision of Technical Specifications.

In order to permit initiation of fuel shuffle operations at H. B. Robinson Plant, the following change is requested:

Table 4.1-3, Item 16: Under column titled "Check", change the third sentence to read: "Laboratory carbon sample analysis shall demonstrate equal to or greater than 98 percent radioactive methyliodide removal at a face velocity of 40 feet/minutes and 1 mg/cubic meter inlet iodine concentration."

Reason: The original analysis of the fuel handling accident both inside containment and inside the spent fuel building was based on assumption found in Safety Guide 25 and assumed filter efficiencies for removal of organic iodine to be of the order of 70 percent rather than the value of 99.5 percent as stated in the Technical Specifications. The analysis was performed based on fuel movement occuring 90 hours after shutdown from full power operation and showed values of 29.3 rem total thyroid dose and 3.17 rem total whole body dose at the site boundary from the spent fuel building accident and the containment accident. Thus, the value of 98 percent



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for methyliodide (organic) removal is still extremely conservative with regard to the value of 70 percent assumed in the analysis.

In addition to the conservatism in filter efficiency noted above, the present condition of the plant is 360 hours after shutdown from approximately 70 percent power instead of the condition used in the analysis. Thus, the iodine activity in the fuel rod gap and the resultant site boundary doses would be approximately 40 percent of the values resulting from the analysis performed in accordance with Safety Guide 25. Thus, any decrease of the magnitude requested is more than offset by the decrease in the iodine activity that could be released during the accident.

In conclusion Carolina Power & Light Company feels that no increase in hazard to the health and safety of the public will occur due to this change in the Technical Specifications.

Very truly yours,

E. E. Utley
Vice-President
Bulk Power Supply

DBW/za

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