

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8502050468 DOC. DATE: 85/02/01 NOTARIZED: NO DOCKET # 05000400  
 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina  
 AUTH. NAME: ZIMMERMAN, S.R. AUTHOR AFFILIATION: Carolina Power & Light Co.  
 RECIP. NAME: KNIGHTON, G. RECIPIENT AFFILIATION: Licensing Branch 3

SUBJECT: Requests meeting to discuss need for early NRC approval of exemption request to allow removal of primary loop whip restraints. Substantiating documentation & requested exemption provided in 841130 & 850114 ltrs, per Generic Ltr

DISTRIBUTION CODE: 8001D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2  
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

## NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL		RECIPIENT ID CODE/NAME	COPIES LTR ENCL
	NRR/DL/ADL	1 0		NRR LB3 BC	1 0
	NRR LB3 LA	1 0		BUCKLEY, B 01	1 1
INTERNAL:	ACRS 41	6 6		ADM/LFMB	1 0
	ELD/HDS1	1 0		IE FILE	1 1
	IE/DEPER/EPB 36	1 1		IE/DQASIP/QAB21	1 1
	NRR ROE, M.L.	1 1		NRR/DE/AEAB	1 0
	NRR/DE/CEB 11	1 1		NRR/DE/EHEB	1 1
	NRR/DE/eqB 13	2 2		NRR/DE/GB 28	2 2
	NRR/DE/MEB 18	1 1		NRR/DE/MTEB 17	1 1
	NRR/DE/SAB 24	1 1		NRR/DE/SGEB 25	1 1
	NRR/DHFS/HFEB40	1 1		NRR/DHFS/LQB 32	1 1
	NRR/DHFS/PSRB	1 1		NRR/DL/SSPB	1 0
	NRR/DSI/AEB 26	1 1		NRR/DSI/ASB	1 1
	NRR/DSI/CPB 10	1 1		NRR/DSI/CSB 09	1 1
	NRR/DSI/ICSB 16	1 1		NRR/DSI/METB 12	1 1
	NRR/DSI/PSB 19	1 1		NRR/DSI/RAB 22	1 1
	NRR/DSI/RSB 23	1 1		REG FILE 04	1 1
	RGN2	3 3		RM/DDAMI/MIB	1 0
EXTERNAL:	BNL (AMDTs ONLY)	1 1		DMB/DSS (AMDTs)	1 1
	LPDR 03	1 1		NRC PDR 02	1 1
	NSIC 05	1 1		PNL GRUEL, R	1 1

TOTAL NUMBER OF COPIES REQUIRED: LTR 51 ENCL 45

THE UNITED STATES OF AMERICA  
DEPARTMENT OF THE ARMY  
OFFICE OF THE CHIEF OF STAFF  
WASHINGTON, D. C. 20315

MEMORANDUM FOR THE CHIEF OF STAFF  
SUBJECT: [Illegible]

DATE	INITIALS	REMARKS
10/1/54	[Illegible]	[Illegible]
10/2/54	[Illegible]	[Illegible]
10/3/54	[Illegible]	[Illegible]
10/4/54	[Illegible]	[Illegible]
10/5/54	[Illegible]	[Illegible]
10/6/54	[Illegible]	[Illegible]
10/7/54	[Illegible]	[Illegible]
10/8/54	[Illegible]	[Illegible]
10/9/54	[Illegible]	[Illegible]
10/10/54	[Illegible]	[Illegible]
10/11/54	[Illegible]	[Illegible]
10/12/54	[Illegible]	[Illegible]
10/13/54	[Illegible]	[Illegible]
10/14/54	[Illegible]	[Illegible]
10/15/54	[Illegible]	[Illegible]
10/16/54	[Illegible]	[Illegible]
10/17/54	[Illegible]	[Illegible]
10/18/54	[Illegible]	[Illegible]
10/19/54	[Illegible]	[Illegible]
10/20/54	[Illegible]	[Illegible]
10/21/54	[Illegible]	[Illegible]
10/22/54	[Illegible]	[Illegible]
10/23/54	[Illegible]	[Illegible]
10/24/54	[Illegible]	[Illegible]
10/25/54	[Illegible]	[Illegible]
10/26/54	[Illegible]	[Illegible]
10/27/54	[Illegible]	[Illegible]
10/28/54	[Illegible]	[Illegible]
10/29/54	[Illegible]	[Illegible]
10/30/54	[Illegible]	[Illegible]
10/31/54	[Illegible]	[Illegible]

10/31/54

11/1/54

11/2/54

11/3/54

11/4/54

11/5/54

11/6/54

11/7/54

11/8/54

11/9/54

11/10/54

11/11/54

11/12/54

11/13/54

11/14/54

11/15/54

11/16/54

11/17/54

11/18/54

11/19/54

11/20/54

11/21/54

11/22/54

11/23/54

11/24/54

11/25/54

11/26/54

11/27/54

11/28/54

11/29/54

11/30/54

12/1/54

12/2/54

12/3/54

12/4/54

12/5/54

12/6/54

12/7/54

12/8/54

12/9/54

12/10/54

12/11/54

12/12/54

12/13/54

12/14/54

12/15/54

12/16/54

12/17/54

12/18/54

12/19/54

12/20/54

12/21/54

12/22/54

12/23/54

12/24/54

12/25/54

12/26/54

12/27/54

12/28/54

12/29/54

12/30/54

12/31/54



Carolina Power & Light Company

SERIAL: NLS-85-042

FEB 01 1985

Mr. George Knighton, Chief  
Licensing Branch #3  
Division of Licensing  
United States Nuclear Regulatory Commission  
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT  
UNIT NO. 1. - DOCKET NO. 50-400  
ELIMINATION OF POSTULATED PIPE BREAKS IN THE REACTOR  
COOLANT SYSTEM PRIMARY LOOP - EXEMPTION REQUEST

- REFERENCES: (1) Letter, A. B. Cutter to H. R. Denton dated January 14, 1985, Subject: "Elimination of Postulated Pipe Breaks in the Reactor Coolant System Primary Loop - Exemption Request."
- (2) Letter, S. R. Zimmerman to H. R. Denton dated November 30, 1984, Subject: "Elimination of Postulated Pipe Breaks in Primary Main Loop and Arbitrary Intermediate Pipe Breaks in Class 1, 2, and 3 Pipes."
- (3) Letter, D. G. Eisenhut to PWR Licensees dated February 1, 1984, Subject: "Safety Evaluation of Westinghouse Topical Reports Dealing with Elimination of Postulated Pipe Breaks in PWR Primary Main Loop (Generic Letter 84-04)."

Dear Mr. Knighton:

SUMMARY

Per our conversation, CP&L requests a meeting as soon as possible with NRC management to discuss our need for early NRC approval of our exemption request (per Reference 1) which will allow removal of primary loop whip restraints.

BACKGROUND

CP&L provided in References 1 and 2 substantiating documentation and requested an exemption to 10CFR50, Appendix A, criterion 4, with respect to asymmetric blowdown loads resulting from discrete breaks in the RCS primary loop. This documentation was prepared using the guidance of Generic Letter 84-04 (Reference 3).

Based upon the technical confidence and industry justification for this exemption request and the long-term man-rem savings due to increased access, CP&L is in the process of simplifying the inefficient design and cumbersome construction imposed by the loop whip restraints. The simplified design concept starts with removal of the whip restraints located in the primary shield wall.

8502050448 850201  
PDR ADOCK 05000400  
A PDR

411 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602

Boo1  
1/0

82 10 814

The Company's design/construction schedule requires that our exemption request be processed as quickly as possible. To help in this regard, CP&L proposes a CP&L/NRC management meeting as soon as possible.

Please contact me as soon as such a meeting can be scheduled. Thank you for your cooperation.

Yours very truly,



S. R. Zimmerman, Manager  
Nuclear Licensing Section

SRZ:DCM:wc (1110SRZ)

cc: Mr. B. C. Buckley (NRC)	Mr. Wells Eddleman
Mr. G. F. Maxwell (NRC-SHNPP)	Mr. John D. Runkle
Mr. J. P. O'Reilly (NRC-RII)	Dr. Richard D. Wilson
Mr. Travis Payne (KUDZU)	Mr. G. O. Bright (ASLB)
Mr. Daniel F. Read (CHANGE/ELP)	Dr. J. H. Carpenter (ASLB)
Chapel Hill Public Library	Mr. J. L. Kelley (ASLB)
Wake County Public Library	



7

7

2

Faint, illegible text at the top of the page, possibly a header or title.

Second line of faint, illegible text.

Third line of faint, illegible text, possibly containing a signature or date.

Left column of faint, illegible text in the middle section.

Right column of faint, illegible text in the middle section.

Small block of faint, illegible text below the middle section.

Small block of faint, illegible text below the middle section.

Block of faint, illegible text in the lower section.

Block of faint, illegible text in the lower section.

Block of faint, illegible text in the lower section.

Block of faint, illegible text in the lower section.