

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8506250402 DOC. DATE: 85/06/19 NOTARIZED: NO DOCKET #  
 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400  
 AUTH. NAME: AUTHOR AFFILIATION  
 ZIMMERMAN, S.R. Carolina Power & Light Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 DENTON, H.R. Office of Nuclear Reactor Regulation, Director.

SUBJECT: Forwards "Electrical Separation Analysis," per 850404 Insp Rept 50-400/85-08. Analysis allows for 1-inch separation between encl non-Class 1E raceway & open top Class 1E raceway, FSAR Section 8.3.1.2 to be revised.

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NOTES:

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	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/DQAVT/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/EGB 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/HFEB 40	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	<del>REG. FILE</del> 04	1 1
	RGN2	3 3	RM/DDAMI/MIB	1 0
EXTERNAL:	24X	1 1	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		

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1/20/01	STATE STREET BANK	200.00	1002	ABC
1/25/01	STATE STREET BANK	150.00	1003	ABC
2/01/01	STATE STREET BANK	300.00	1004	ABC
2/05/01	STATE STREET BANK	100.00	1005	ABC
2/10/01	STATE STREET BANK	250.00	1006	ABC
2/15/01	STATE STREET BANK	180.00	1007	ABC
2/20/01	STATE STREET BANK	350.00	1008	ABC
2/25/01	STATE STREET BANK	120.00	1009	ABC
3/01/01	STATE STREET BANK	280.00	1010	ABC
3/05/01	STATE STREET BANK	160.00	1011	ABC
3/10/01	STATE STREET BANK	320.00	1012	ABC
3/15/01	STATE STREET BANK	140.00	1013	ABC
3/20/01	STATE STREET BANK	260.00	1014	ABC
3/25/01	STATE STREET BANK	190.00	1015	ABC
4/01/01	STATE STREET BANK	310.00	1016	ABC
4/05/01	STATE STREET BANK	170.00	1017	ABC
4/10/01	STATE STREET BANK	290.00	1018	ABC
4/15/01	STATE STREET BANK	130.00	1019	ABC
4/20/01	STATE STREET BANK	270.00	1020	ABC
4/25/01	STATE STREET BANK	200.00	1021	ABC
5/01/01	STATE STREET BANK	330.00	1022	ABC
5/05/01	STATE STREET BANK	150.00	1023	ABC
5/10/01	STATE STREET BANK	300.00	1024	ABC
5/15/01	STATE STREET BANK	180.00	1025	ABC
5/20/01	STATE STREET BANK	240.00	1026	ABC
5/25/01	STATE STREET BANK	210.00	1027	ABC
6/01/01	STATE STREET BANK	340.00	1028	ABC
6/05/01	STATE STREET BANK	160.00	1029	ABC
6/10/01	STATE STREET BANK	280.00	1030	ABC
6/15/01	STATE STREET BANK	140.00	1031	ABC
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6/25/01	STATE STREET BANK	190.00	1033	ABC
7/01/01	STATE STREET BANK	310.00	1034	ABC
7/05/01	STATE STREET BANK	170.00	1035	ABC
7/10/01	STATE STREET BANK	290.00	1036	ABC
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8/05/01	STATE STREET BANK	150.00	1041	ABC
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8/15/01	STATE STREET BANK	180.00	1043	ABC
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9/25/01	STATE STREET BANK	190.00	1051	ABC
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10/05/01	STATE STREET BANK	170.00	1053	ABC
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10/15/01	STATE STREET BANK	130.00	1055	ABC
10/20/01	STATE STREET BANK	270.00	1056	ABC
10/25/01	STATE STREET BANK	200.00	1057	ABC
11/01/01	STATE STREET BANK	330.00	1058	ABC
11/05/01	STATE STREET BANK	150.00	1059	ABC
11/10/01	STATE STREET BANK	300.00	1060	ABC
11/15/01	STATE STREET BANK	180.00	1061	ABC
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12/05/01	STATE STREET BANK	160.00	1065	ABC
12/10/01	STATE STREET BANK	280.00	1066	ABC
12/15/01	STATE STREET BANK	140.00	1067	ABC
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Carolina Power & Light Company

JUN 19 1985

SERIAL: NLS-85-200

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
United States Nuclear Regulatory Commission  
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT  
UNIT NO. 1 - DOCKET NO. 50-400  
ELECTRICAL SEPARATION ANALYSIS

- REFERENCES: (1) IE Inspection Report 50-400/85-08 dated April 4, 1985 from Mr. R. D. Walker (NRC) to Mr. E. E. Utley (CP&L).
- (2) Letter dated April 11, 1985 from Mr. R. M. Parsons (CP&L) to Dr. J. Nelson Grace (CP&L)

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) submits a copy of the Electrical Separation Analysis for allowing a one-inch separation between an enclosed non-Class IE raceway and an open top Class IE raceway (Attachment 1). This information is being submitted to you at the request of Region II as discussed in the referenced letters.

As a result of this analysis, FSAR Section 8.3.1.2 will be revised as shown in Attachment 2. This FSAR section will be formally revised in July 1985 by FSAR Amendment No. 21 at which time CP&L considers this matter closed.

If you have any questions, please contact Mr. Gregg A. Sindors at (919) 836-8168.

Yours very truly,

S. R. Zimmerman  
Manager

Nuclear Licensing Section

GAS/cc (1578GAS)

Attachments

- |                                 |                            |
|---------------------------------|----------------------------|
| cc: Mr. B. C. Buckley (NRC)     | Mr. Wells Eddleman         |
| Mr. O. Chopra (NRC-PSB)         | Mr. John D. Runkle         |
| Mr. G. F. Maxwell (NRC-SHNPP)   | Dr. Richard D. Wilson      |
| Dr. J. Nelson Grace (NRC-RII)   | Mr. G. O. Bright (ASLB)    |
| Mr. Travis Payne (KUDZU)        | Dr. J. H. Carpenter (ASLB) |
| Mr. Daniel F. Read (CHANGE/ELP) | Mr. J. L. Kelley (ASLB)    |
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