



Carolina Power & Light Company

SERIAL: NLS-84-302

JUL 10 1984

Director of Nuclear Reactor Regulation
Attention: Mr. D. B. Vassallo, Chief
Operating Reactors Branch No. 2
Division of Licensing
United States Nuclear Regulatory Commission
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2
DOCKET NOS. 50-325 & 50-324/LICENSE NOS. DPR-71 & DPR-62
REQUEST FOR ADDITIONAL INFORMATION
NUREG-0737 ITEMS II.F.1.4/5/6

Dear Mr. Vassallo:

In a telephone conversation with your staff on May 15, 1984, Carolina Power & Light Company (CP&L) was asked to provide additional information concerning our submittal of March 9, 1984 on NUREG-0737 Items II.F.1.4/5/6. Specifically, historical calibration data for the new Brunswick-1 containment hydrogen and oxygen monitors was requested for the purpose of determining instrument setpoint stability (i.e., long-term drift). Attached is CP&L's response to this request. Should you have any further questions, please contact Mr. John S. Dietrich at (919) 836-6154.

Yours very truly,

S. R. Zimmerman
Manager

Nuclear Licensing Section

MAT/cfr (309MAT)

Attachment

cc: Mr. D. O. Myers (NRC-BSEP)
Mr. J. P. O'Reilly (NRC-R11)
Mr. M. Grotenhuis (NRC)

8407190335 840710
PDR ADOCK 05000324
P PDR

A046
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INST#	DATE	STATUS	DATA (mADC output)			
			1	2	3	4
4409-40	17-Sep-83	LEFT	4.11	19.47	10.18	18.41
02 (div 1)	21-Dec-83	FOUND	3.94	18.83	9.92	17.86

INST#	DATE	STATUS	DATA			
			1	2	3	4
4409-32	17-Sep-83	LEFT	4.09	19.11	9.03	19.02
H2 (div 1)	21-Dec-83	FOUND	4.10	19.38	9.14	19.49

INST#	DATE	STATUS	DATA			
			1	2	3	4
4410-40	29-Dec-83	LEFT	4.11	19.36	10.14	18.38
02 (div 2)	14-Mar-84	FOUND	3.92	19.36	10.14	18.55

INST#	DATE	STATUS	DATA			
			1	2	3	4
4410-32	29-Dec-83	LEFT	4.14	19.21	9.08	19.33
H2 (div 2)	14-Mar-84	FOUND	4.13	19.20	9.08	19.34

INST#	DATE	STATUS	DATA			
			1	2	3	4
4409-40	21-Dec-83	LEFT	3.98	19.35	10.13	18.44
02 (div 1)	09-Feb-84	FOUND	4.01	19.05	10.02	18.07

INST#	DATE	STATUS	DATA			
			1	2	3	4
4409-32	21-Dec-83	LEFT	4.05	19.04	9.01	19.00
H2 (div 1)	09-Feb-84	FOUND	4.10	18.99	9.00	18.99

INST#	%DRIFT [(found)-(left)]/.16			
	1	2	3	4
4409-40				
U2 (div 1)	-1.063	-4.000	-1.625	-3.438

INST#	%DRIFT			
	1	2	3	4
4409-32				
H2 (div 1)	0.062	1.687	0.688	2.937

INST#	%DRIFT			
	1	2	3	4
4410-40				
O2 (div 2)	-1.188	0.000	0.000	1.063

INST#	%DRIFT			
	1	2	3	4
4410-32				
H2 (div 2)	-0.062	-0.063	0.000	0.063

INST#	%DRIFT			
	1	2	3	4
4409-40				
O2 (div 1)	0.187	-1.875	-0.688	-2.313

INST#	%DRIFT			
	1	2	3	4
4409-32				
H2 (div 1)	0.312	-0.313	-0.062	-0.063

INST#	AVG DRIFT	DAYS	MONTHS	% DRIFT PER MONTH
4409-40				
02 (div 1)	-2.531	95	3.17	-0.799

INST#	AVG DRIFT	DAYS	MONTHS	% DRIFT PER MONTH
4409-32				
H2 (div 1)	1.344	95	3.17	0.424

INST#	AVG DRIFT	DAYS	MONTHS	% DRIFT PER MONTH
4410-40				
02 (div 2)	-0.031	76	2.53	-0.012

INST#	AVG DRIFT	DAYS	MONTHS	% DRIFT PER MONTH
4410-32				
H2 (div 2)	-0.016	76	2.53	-0.006

INST#	AVG DRIFT	DAYS	MONTHS	% DRIFT PER MONTH
4409-40				
02 (div 1)	-1.172	50	1.67	-0.703

INST#	AVG DRIFT	DAYS	MONTHS	% DRIFT PER MONTH
4409-32				
H2 (div 1)	-0.031	50	1.67	-0.019