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 VAUGHN, G.E. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: "Annual Operating Rept," consisting of info re number of personnel & ~~man-rem-by work~~ & job function & primary coolant iodine spikes (W/930211 ltr.

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 TITLE: 20.407 Annual Personnel Monitoring Rpt/Annual Rad Exposure Rpt by Fur.

NOTES: Application for permit renewal filed. 05000400

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Carolina Power & Light Company

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G.E. VAUGHN
Vice President
Harris Nuclear Plant

FEB 11 1993

Letter Number: HO-930049

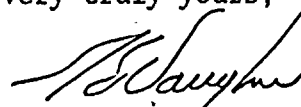
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Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT UNIT 1
DOCKET NO. 50-400
LICENSE NO. NPF-63
ANNUAL OPERATING REPORT

Gentlemen:

In accordance with Technical Specification 6.9.1.2 for the Shearon Harris Nuclear Power Plant, Unit No. 1, Carolina Power and Light Company herewith submits the annual report of (a) individuals receiving exposures greater than 100 mrem/yr and their associated man-rem exposure according to work and job functions, (b) primary coolant iodine spikes, and (c) challenges to the pressurizer power-operated relief valves (PORVs) and primary safety valves for 1992.

Very truly yours,



G. E. Vaughn
Vice President
Harris Nuclear Plant

MGW: dtp

Attachment

cc: Mr. S. D. Ebnetter (NRC - RII)
Ms. C. T. Raddatz (NRC - REIRS Project Manager)
Mr. J. E. Tedrow (NRC - SHNPP)

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MEM/HO-930049/1/OS1

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RIMS II
NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION, 1992
HARRIS PLANT

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL > 100 MREM			TOTAL MAN-REM		
	STAT	UTIL	CNTR	STAT	UTIL	CNTR
REACTOR OPERATIONS AND SURVEILLANCE						
MAINTENANCE PERSONNEL	3	0	1	2.264	0.000	0.603
OPERATING PERSONNEL	40	0	0	12.746	0.000	1.026
HEALTH PHYSICS PERSONNEL	27	0	33	8.425	0.010	9.812
SUPERVISORY PERSONNEL	0	0	1	0.258	0.050	0.415
ENGINEERING PERSONNEL	4	0	2	1.986	0.340	0.966
ROUTINE MAINTENANCE						
MAINTENANCE PERSONNEL	55	7	190	27.253	3.060	72.749
OPERATING PERSONNEL	2	0	2	1.876	0.000	0.499
HEALTH PHYSICS PERSONNEL	16	0	34	5.746	0.000	10.460
SUPERVISORY PERSONNEL	1	0	0	0.440	0.070	0.010
ENGINEERING PERSONNEL	6	0	48	3.542	0.430	22.692
INSERVICE INSPECTION						
MAINTENANCE PERSONNEL	6	2	28	2.106	0.440	9.745
OPERATING PERSONNEL	0	0	0	0.448	0.000	0.195
HEALTH PHYSICS PERSONNEL	0	0	0	0.530	0.000	0.300
SUPERVISORY PERSONNEL	0	0	0	0.055	0.000	0.000
ENGINEERING PERSONNEL	4	0	28	1.461	0.010	8.215
SPECIAL MAINTENANCE						
MAINTENANCE PERSONNEL	23	0	27	6.111	0.034	8.929
OPERATING PERSONNEL	2	0	0	0.518	0.000	0.045
HEALTH PHYSICS PERSONNEL	15	0	1	5.250	0.000	0.425
SUPERVISORY PERSONNEL	0	0	0	0.056	0.000	0.025
ENGINEERING PERSONNEL	4	0	3	1.078	0.118	1.111
WASTE PROCESSING						
MAINTENANCE PERSONNEL	0	0	0	0.385	0.000	0.270
OPERATING PERSONNEL	0	0	0	0.045	0.000	0.000
HEALTH PHYSICS PERSONNEL	3	0	0	1.475	0.000	0.375
SUPERVISORY PERSONNEL	0	0	0	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	1	0.015	0.000	0.675
REFUELING						
MAINTENANCE PERSONNEL	1	0	4	0.350	0.000	2.260
OPERATING PERSONNEL	0	0	0	0.495	0.000	0.000
HEALTH PHYSICS PERSONNEL	0	0	1	0.090	0.000	0.310
SUPERVISORY PERSONNEL	0	0	0	0.025	0.000	0.000
ENGINEERING PERSONNEL	0	1	0	0.115	0.230	0.290
TOTAL						
MAINTENANCE PERSONNEL	88	9	250	38.469	3.534	94.556
OPERATING PERSONNEL	44	0	2	16.128	0.000	1.765
HEALTH PHYSICS PERSONNEL	61	0	69	21.516	0.010	21.682
SUPERVISORY PERSONNEL	1	0	1	0.834	0.120	0.450
ENGINEERING PERSONNEL	18	1	82	8.197	1.128	33.949
GRAND TOTAL	212	10	404	85.144	4.792	152.402

Notes: (1) Dose based on pocket dosimeters
 (2) Stat = Harris Plant Staff
 Util = CP&L non-Harris personnel
 Cntr = Contractor

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1992 ANNUAL REPORT - PRIMARY COOLANT IODINE SPIKES

During 1992, the primary coolant did not exceed 1.0 $\mu\text{Ci}/\text{gram}$ dose equivalent I-131 or 100/E-bar $\mu\text{Ci}/\text{gram}$ gross radioactivity as set forth in Technical Specification 3.4.8.



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1992 ANNUAL REPORT - PRIMARY SAFETY AND RELIEF VALVE CHALLENGES

During 1992, there were no challenges to the primary power operated relief valves (PORVs) or the primary safety valves.

