



FEB 16 2005

SERIAL: HNP-05-016

United States Nuclear Regulatory Commission
ATTENTION: Document Control Desk
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
DOCKET NO. 50-400/LICENSE NO. NPF-63
ANNUAL OPERATING REPORT - 2004

Ladies and Gentlemen:

In accordance with Harris Nuclear Plant Technical Specification 6.9.1.2, Carolina Power & Light Company, doing business as Progress Energy Carolinas, Inc., provides the Annual Operating Report for 2004. This report includes information regarding; (1) individuals receiving exposures greater than 100 mrem/yr and their associated man-rem exposure according to work and job functions, (2) primary coolant specific activity limits, and (3) challenges to the pressurizer power-operated relief valves and safety valves for 2004.

If you have questions regarding this submittal, please contact me at (919) 362-3137.

Sincerely,

A handwritten signature in black ink, appearing to read "D. H. Corlett".

D. H. Corlett
Supervisor – Licensing/Regulatory Programs
Harris Nuclear Plant

DHC/mgw

Enclosure

c: Ms. S. A. Burrows (NRC REIRS Project Manager)
Mr. R. A. Musser (NRC Senior Resident Inspector, HNP)
Mr. C. P. Patel (NRR Project Manager, HNP)
Dr. W. D. Travers (NRC Regional Administrator, Region II)

Progress Energy Carolinas, Inc.
Harris Nuclear Plant
P.O. Box 165
New Hill, NC 27562

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PASSPORT
TOTAL EXPOSURE SYSTEM
WORK AND JOB FUNCTION REPORT / MANAGEMENT REPORT

Facility: HNP

Report for Calendar Year: 2004

This report was produced with pocket dosimeter data.
This report produced for : NRC Task: ** Resource Type:**** Resource Code: ***** and Department Code: ****

Number of Persons Receiving Over 100 millirem is 215 . Total man-rem: 39.375

		----- Number of Individuals -----			----- Year to Date Dose -----		
		Station	Utility	Contractors	Station	Utility	Contractors
		Employees	Employees	and Others	Employees	Employees	and Others
OPERATIONS & SURVEILLANCE	Maintenance Personnel	2.00	.00	.00	.005	.000	.000
	Operating Personnel	8.00	.00	.00	.224	.000	.000
	Health Physics Personnel	20.00	.00	8.00	.798	.000	.174
	Supervisory Personnel	.00	.00	.00	.000	.000	.000
	Engineering Personnel	.00	.00	.00	.000	.000	.000
ROUTINE MAINTENANCE	Maintenance Personnel	20.00	2.00	46.00	1.372	.048	1.324
	Operating Personnel	5.00	.00	1.00	.071	.000	.013
	Health Physics Personnel	19.00	.00	13.00	.642	.000	.232
	Supervisory Personnel	.00	.00	.00	.000	.000	.000
	Engineering Personnel	5.00	.00	2.00	.110	.000	.003
INSERVICE INSPECTION	Maintenance Personnel	.00	.00	1.00	.000	.000	.001
	Operating Personnel	1.00	.00	.00	.001	.000	.000
	Health Physics Personnel	1.00	.00	.00	.002	.000	.000
	Supervisory Personnel	.00	.00	.00	.000	.000	.000
	Engineering Personnel	5.00	.00	1.00	.067	.000	.001
SPECIAL MAINTENANCE	Maintenance Personnel	7.00	.00	12.00	.908	.000	1.344
	Operating Personnel	1.00	.00	.00	.081	.000	.000
	Health Physics Personnel	7.00	.00	4.00	.444	.000	.244
	Supervisory Personnel	.00	.00	.00	.000	.000	.000
	Engineering Personnel	4.00	.00	1.00	.022	.000	.120
WASTE PROCESSING	Maintenance Personnel	.00	.00	.00	.000	.000	.000
	Operating Personnel	1.00	.00	.00	.002	.000	.000
	Health Physics Personnel	4.00	.00	2.00	.047	.000	.016
	Supervisory Personnel	.00	.00	.00	.000	.000	.000
	Engineering Personnel	.00	.00	.00	.000	.000	.000
REFUELING	Maintenance Personnel	27.00	14.00	96.00	3.759	2.361	15.996
	Operating Personnel	12.00	1.00	1.00	1.032	.112	.032
	Health Physics Personnel	21.00	1.00	20.00	2.615	.137	2.772
	Supervisory Personnel	.00	.00	.00	.000	.000	.000
	Engineering Personnel	7.00	1.00	8.00	.816	.122	1.305
TOTAL	Maintenance Personnel	56.00	16.00	155.00	6.044	2.409	18.665
	Operating Personnel	28.00	1.00	2.00	1.411	.112	.045
	Health Physics Personnel	72.00	1.00	47.00	4.548	.137	3.438
	Supervisory Personnel	.00	.00	.00	.000	.000	.000
	Engineering Personnel	21.00	1.00	12.00	1.015	.122	1.429
*** Grand Total ***		177.00	19.00	216.00	13.018	2.780	23.577

Enclosure to
 SERIAL: HNP-05-016
 Page 1 of 3

Enclosure to
SERIAL: HNP-05-016
Page 2 of 3

2004 ANNUAL OPERATING REPORT - PRIMARY COOLANT SPECIFIC ACTIVITY LIMITS

During 2004, activity levels in 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.

Enclosure to
SERIAL: HNP-05-016
Page 3 of 3

2004 ANNUAL OPERATING REPORT - PRESSURIZER RELIEF AND SAFETY VALVE CHALLENGES

During 2004, there were no challenges to the pressurizer power-operated relief valves (PORVs) or safety valves.