



FEB 24 2004

SERIAL: HNP-04-014

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 - 2003

Ladies and Gentlemen:

In accordance with Harris Nuclear Plant Technical Specification 6.9.1.2, Progress Energy Carolinas, Inc. provides the Annual Operating Report for 2003. 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 2003.

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

Sincerely,

A handwritten signature in cursive script that reads "John R. Caves".

J. R. Caves
Supervisor – Licensing/Regulatory Programs
Harris Nuclear Plant

MGW

Enclosure

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

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: 2003

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 256 . Total man-rem: 53.673

		----- Number of Individuals -----			----- Year to Date Dose -----		
		Station Employees	Utility Employees	Contractors and Others	Station Employees	Utility Employees	Contractors and Others
OPERATIONS & SURVEILLANCE	Maintenance Personnel	1.00	1.00	1.00	.075	.006	.002
	Operating Personnel	9.00	.00	.00	.515	.000	.000
	Health Physics Personnel	17.00	.00	7.00	.685	.000	.093
	Supervisory Personnel	.00	1.00	.00	.000	.001	.000
	Engineering Personnel	2.00	.00	.00	.087	.000	.000
ROUTINE MAINTENANCE	Maintenance Personnel	30.00	.00	30.00	1.426	.000	1.771
	Operating Personnel	2.00	.00	.00	.003	.000	.000
	Health Physics Personnel	17.00	.00	14.00	.518	.000	.322
	Supervisory Personnel	.00	.00	.00	.000	.000	.000
	Engineering Personnel	4.00	2.00	.00	.062	.053	.000
INSERVICE INSPECTION	Maintenance Personnel	4.00	.00	1.00	.015	.000	.002
	Operating Personnel	1.00	.00	.00	.002	.000	.000
	Health Physics Personnel	1.00	.00	2.00	.001	.000	.004
	Supervisory Personnel	.00	.00	.00	.000	.000	.000
	Engineering Personnel	4.00	.00	.00	.133	.000	.000
SPECIAL MAINTENANCE	Maintenance Personnel	8.00	.00	2.00	1.138	.000	.182
	Operating Personnel	.00	.00	.00	.000	.000	.000
	Health Physics Personnel	8.00	.00	3.00	.438	.000	.190
	Supervisory Personnel	.00	.00	.00	.000	.000	.000
	Engineering Personnel	2.00	.00	.00	.025	.000	.000
WASTE PROCESSING	Maintenance Personnel	1.00	.00	.00	.002	.000	.000
	Operating Personnel	4.00	.00	.00	.009	.000	.000
	Health Physics Personnel	7.00	.00	1.00	.127	.000	.002
	Supervisory Personnel	.00	.00	.00	.000	.000	.000
	Engineering Personnel	1.00	.00	.00	.006	.000	.000
REFUELING	Maintenance Personnel	40.00	19.00	97.00	6.369	4.190	20.706
	Operating Personnel	12.00	2.00	.00	1.480	.343	.000
	Health Physics Personnel	20.00	4.00	28.00	2.604	.571	4.305
	Supervisory Personnel	.00	1.00	.00	.000	.187	.000
	Engineering Personnel	7.00	3.00	20.00	.939	.611	3.473
TOTAL	Maintenance Personnel	84.00	20.00	131.00	9.025	4.196	22.663
	Operating Personnel	28.00	2.00	.00	2.009	.343	.000
	Health Physics Personnel	70.00	4.00	55.00	4.373	.571	4.916
	Supervisory Personnel	.00	2.00	.00	.000	.188	.000
	Engineering Personnel	20.00	5.00	20.00	1.252	.664	3.473
*** Grand Total ***		202.00	33.00	206.00	16.659	5.962	31.052

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2003 ANNUAL OPERATING REPORT - PRIMARY COOLANT IODINE SPIKES

During 2003, 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.

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2003 ANNUAL OPERATING REPORT - PRESSURIZER RELIEF AND SAFETY VALVE CHALLENGES

During 2003, there were no challenges to the pressurizer power-operated relief valves (PORVs) or safety valves.