



APR 09 2003

Serial: RNP-RA/03-0048

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

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261/LICENSE NO. DPR-23

2002 OCCUPATIONAL RADIATION EXPOSURE REPORT

Ladies and Gentlemen:

In accordance with the H. B. Robinson Steam Electric Plant, Unit No. 2, Technical Specifications Section 5.6.1, "Occupational Radiation Exposure Report," Progress Energy Carolinas, Inc., also known as Carolina Power & Light Company, submits the 2002 Occupational Radiation Exposure Report. This report supplements the requirements of 10 CFR 20.2206(b).

If you have any questions on this subject, please contact me at (843) 857-1253.

Sincerely,

A handwritten signature in black ink that reads 'C. T. Baucom'.

C. T. Baucom  
Supervisor – Licensing/Regulatory Programs

RAC/rac

Attachment

c: L. A. Reyes, NRC, Region II  
NRC Resident Inspector, HBRSEP  
C. Patel, NRC, NRR  
REIRS Project Manager, NRC Office of Nuclear Regulatory Research

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United States Nuclear Regulatory Commission  
Attachment to Serial: RNP-RA/03-0048  
2 Pages including cover page

2002 OCCUPATIONAL RADIATION EXPOSURE REPORT

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

Facility: RNP

Report for Calendar Year: 2002

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 387 . Total man-rem: 100.272

|                           |                          | [----- Number of Individuals -----] |                      |                           | [----- Year to Date Dose -----] |                      |                           |
|---------------------------|--------------------------|-------------------------------------|----------------------|---------------------------|---------------------------------|----------------------|---------------------------|
|                           |                          | Station<br>Employees                | Utility<br>Employees | Contractors<br>and Others | Station<br>Employees            | Utility<br>Employees | Contractors<br>and Others |
| OPERATIONS & SURVEILLANCE | Maintenance Personnel    | 39.00                               | 15.00                | 36.00                     | 2.460                           | .462                 | 1.276                     |
|                           | Operating Personnel      | 21.00                               | 1.00                 | .00                       | 3.223                           | .239                 | .000                      |
|                           | Health Physics Personnel | 26.00                               | 9.00                 | 14.00                     | 2.326                           | .723                 | 1.598                     |
|                           | Supervisory Personnel    | 2.00                                | .00                  | .00                       | .112                            | .000                 | .000                      |
|                           | Engineering Personnel    | 14.00                               | 5.00                 | 5.00                      | .735                            | .214                 | .023                      |
| ROUTINE MAINTENANCE       | Maintenance Personnel    | 38.00                               | 36.00                | 102.00                    | 6.238                           | 3.435                | 15.286                    |
|                           | Operating Personnel      | 15.00                               | 2.00                 | .00                       | .268                            | .047                 | .000                      |
|                           | Health Physics Personnel | 21.00                               | 6.00                 | 17.00                     | 1.410                           | .271                 | .553                      |
|                           | Supervisory Personnel    | 3.00                                | .00                  | .00                       | .233                            | .000                 | .000                      |
|                           | Engineering Personnel    | 11.00                               | 4.00                 | 14.00                     | .970                            | .124                 | 1.333                     |
| INSERVICE INSPECTION      | Maintenance Personnel    | .00                                 | .00                  | .00                       | .000                            | .000                 | .000                      |
|                           | Operating Personnel      | .00                                 | .00                  | .00                       | .000                            | .000                 | .000                      |
|                           | Health Physics Personnel | .00                                 | .00                  | .00                       | .000                            | .000                 | .000                      |
|                           | Supervisory Personnel    | .00                                 | .00                  | .00                       | .000                            | .000                 | .000                      |
|                           | Engineering Personnel    | 1.00                                | 1.00                 | 1.00                      | .004                            | .001                 | .003                      |
| SPECIAL MAINTENANCE       | Maintenance Personnel    | 14.00                               | 1.00                 | 45.00                     | 1.714                           | .363                 | 5.637                     |
|                           | Operating Personnel      | .00                                 | .00                  | .00                       | .000                            | .000                 | .000                      |
|                           | Health Physics Personnel | 4.00                                | 1.00                 | 10.00                     | .308                            | .167                 | .839                      |
|                           | Supervisory Personnel    | .00                                 | .00                  | .00                       | .000                            | .000                 | .000                      |
|                           | Engineering Personnel    | 4.00                                | 3.00                 | 8.00                      | 1.022                           | .527                 | 1.672                     |
| WASTE PROCESSING          | Maintenance Personnel    | .00                                 | .00                  | 1.00                      | .000                            | .000                 | .068                      |
|                           | Operating Personnel      | 1.00                                | .00                  | .00                       | .003                            | .000                 | .000                      |
|                           | Health Physics Personnel | 9.00                                | .00                  | .00                       | .344                            | .000                 | .000                      |
|                           | Supervisory Personnel    | .00                                 | .00                  | .00                       | .000                            | .000                 | .000                      |
|                           | Engineering Personnel    | .00                                 | .00                  | .00                       | .000                            | .000                 | .000                      |
| REFUELING                 | Maintenance Personnel    | 34.00                               | 40.00                | 49.00                     | 3.644                           | 5.659                | 5.267                     |
|                           | Operating Personnel      | 11.00                               | 2.00                 | .00                       | 1.609                           | .457                 | .000                      |
|                           | Health Physics Personnel | 26.00                               | 14.00                | 27.00                     | 3.296                           | 1.636                | 3.789                     |
|                           | Supervisory Personnel    | 4.00                                | .00                  | .00                       | 1.172                           | .000                 | .000                      |
|                           | Engineering Personnel    | 9.00                                | 4.00                 | 55.00                     | .439                            | .847                 | 16.215                    |
| TOTAL                     | Maintenance Personnel    | 125.00                              | 92.00                | 233.00                    | 14.056                          | 9.919                | 27.534                    |
|                           | Operating Personnel      | 48.00                               | 5.00                 | .00                       | 5.103                           | .743                 | .000                      |
|                           | Health Physics Personnel | 86.00                               | 30.00                | 68.00                     | 7.684                           | 2.797                | 6.779                     |
|                           | Supervisory Personnel    | 9.00                                | .00                  | .00                       | 1.517                           | .000                 | .000                      |
|                           | Engineering Personnel    | 39.00                               | 17.00                | 83.00                     | 3.170                           | 1.713                | 19.246                    |
| *** Grand Total ***       |                          | 307.00                              | 144.00               | 384.00                    | 31.530                          | 15.172               | 53.559                    |