

**PERSONNEL EXPOSURE AND MONITORING REPORT  
FOR EXPOSURE YEAR: 1986**

**LICENSEE:  
PUBLIC SERVICE ELECTRIC  
AND GAS COMPANY  
HANCOCK'S BRIDGE, NJ 08038**

NRC LICENSE  
DOCKET NUMBERS:  
SALEM U/1-50-272  
SALEM U/2-50-311  
HOPE CREEK 50-354  
DATE: 03/20/87

| ESTIMATED TOTAL WHOLE BODY<br>EXPOSURE RANGE (REMS) | NUMBER OF INDIVIDUALS<br>IN EACH RANGE |
|---|--|
| NO MEASURABLE EXPOSURE . . . . .                    | 1719                                   |
| MEASURABLE EXPOSURE LESS THAN 0.100 . . . . .       | 2209                                   |
| 0.100 - 0.250 . . . . .                             | 546                                    |
| 0.250 - 0.500 . . . . .                             | 411                                    |
| 0.500 - 0.750 . . . . .                             | 161                                    |
| 0.750 - 1.000 . . . . .                             | 86                                     |
| 1.000 - 2.000 . . . . .                             | 130                                    |
| 2.000 - 3.000 . . . . .                             | 11                                     |
| 3.000 - 4.000 . . . . .                             | 0                                      |
| 4.000 - 5.000 . . . . .                             | 0                                      |
| 5.000 - 6.000 . . . . .                             | 0                                      |
| 6.000 - 7.000 . . . . .                             | 0                                      |
| 7.000 - 8.000 . . . . .                             | 0                                      |
| 8.000 - 9.000 . . . . .                             | 0                                      |
| 9.000 - 10.000 . . . . .                            | 0                                      |
| 10.000 - 11.000 . . . . .                           | 0                                      |
| 11.000 - 12.000 . . . . .                           | 0                                      |
| > 12.000 . . . . .                                  | 0                                      |
| <b>TOTAL NUMBER OF INDIVIDUALS REPORTED:</b>        | <b>5273</b>                            |

THE ABOVE INFORMATION IS SUBMITTED FOR THE TOTAL NUMBER OF INDIVIDUALS FOR WHOM PERSONNEL MONITORING WAS PROVIDED DURING THE CALENDAR YEAR.

\* INDIVIDUAL VALUES EXACTLY EQUAL TO THE VALUES SEPARATING EXPOSURE RANGES ARE REPORTED IN THE HIGHER RANGE.

TOTAL MAN-REM FOR SALEM UNIT I AND II FOR 1986 - 562.745 REM.  
TOTAL MAN-REM FOR HOPE CREEK FOR 1986 - 35.560 REM.  
AVERAGE MAN-REM - 0.114 REM.

~~8704060565~~ 288

ATTACHMENT 3 (Cont)

1985