

Exelon Generation Company, LLC      www.exeloncorp.com  
LaSalle County Station  
2601 North 21<sup>st</sup> Road  
Marseilles, IL 61341-9757

February 22, 2001

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555

LaSalle County Station, Units 1 and 2  
Facility Operating License Nos. NPF-11 and NPF-18  
NRC Docket Nos. 50-373 and 50-374

Subject:      Annual Report for LaSalle County Station

Enclosed is the Exelon Generation Company (EGC), LLC, LaSalle County Station, Annual Report covering the period from January 2000, through December, 2000. This report is submitted in accordance with Technical Specification 6.6.A.2, "Annual Report."

Should you have any questions concerning this letter, please contact Mr. Bill Riffer, Regulatory Assurance Manager, at (815) 357-6761, extension 2383.

Respectfully,



Charles G. Pardee  
Site Vice President  
LaSalle County Station

Enclosure

cc:      Regional Administrator - NRC Region III  
         NRC Senior Resident Inspector - LaSalle County Station

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ANNUAL REPORT FOR LASALLE  
COUNTY STATION

JANUARY 2000  
THROUGH  
DECEMBER 2000

I. Annual Reportable Documentation for Unit 1 and Unit 2

A. Radiation Exposure

For the radiation exposure of LaSalle County Station personnel for the reporting period of January 2000 through December 2000, see Attachment A.

B. Summary of Events Violating Technical Specification 3.4.5 Primary Coolant Iodine Spiking Exceeding Allowable Limits

During this reporting period, January 1, 2000 through December 31, 2000, there were no violations of Technical Specification 3.4.5, Primary Coolant Iodine Spikes Exceeding Allowable Limits.

ATTACHMENT A

LASALLE COUNTY STATION  
RADIATION EXPOSURE

REGULATORY GUIDE 1.16 REPORT

NUMBER OF PERSONNEL AND PERSON-REM BY WORK AND JOB FUNCTION FOR 2000

-- NUMBER OF PERSONNEL (> 100 MREM) --

----- QUANTITY OF PERSON-REM -----

| WORK AND JOB FUNCTION                      | STATION   | UTILITY   | CONTRACTORS/ | TOTAL   | STATION   | UTILITY   | CONTRACTORS/ | TOTAL      |
|--|-----------|-----------|--------------|---------|-----------|-----------|--------------|------------|
|  | EMPLOYEES | EMPLOYEES | OTHERS       | PERSONS | EMPLOYEES | EMPLOYEES | OTHERS       | PERSON-REM |
| <b>REACTOR OPERATIONS AND SURVEILLANCE</b> |           |           |              |         |           |           |              |            |
| MAINTENANCE                                | 149       | 0         | 11           |         | 8.701     | 0.000     | 1.288        |            |
| OPERATIONS                                 | 66        | 1         | 2            |         | 18.098    | 0.005     | 0.408        |            |
| HEALTH PHYSICS                             | 46        | 0         | 0            |         | 2.933     | 0.000     | 0.000        |            |
| SUPERVISORY                                | 32        | 0         | 1            |         | 4.535     | 0.000     | 0.020        |            |
| ENGINEERING                                | 9         | 1         | 5            |         | 0.554     | 0.009     | 0.123        |            |
|  | 302       | 2         | 19           | 323     | 34.821    | 0.014     | 1.839        | 36.674     |
| <b>ROUTINE MAINTENANCE</b>                 |           |           |              |         |           |           |              |            |
| MAINTENANCE                                | 177       | 3         | 298          |         | 45.831    | 0.006     | 56.088       |            |
| OPERATIONS                                 | 56        | 2         | 8            |         | 2.940     | 0.014     | 0.741        |            |
| HEALTH PHYSICS                             | 48        | 2         | 13           |         | 11.807    | 0.400     | 3.294        |            |
| SUPERVISORY                                | 41        | 0         | 9            |         | 6.156     | 0.000     | 1.124        |            |
| ENGINEERING                                | 15        | 2         | 45           |         | 1.962     | 0.260     | 15.211       |            |
|  | 337       | 9         | 373          | 719     | 68.696    | 0.680     | 76.458       | 145.834    |
| <b>INSERVICE INSPECTION</b>                |           |           |              |         |           |           |              |            |
| MAINTENANCE                                | 9         | 0         | 26           |         | 0.079     | 0.000     | 4.263        |            |
| OPERATIONS                                 | 0         | 0         | 0            |         | 0.000     | 0.000     | 0.000        |            |
| HEALTH PHYSICS                             | 1         | 0         | 0            |         | 0.000     | 0.000     | 0.000        |            |
| SUPERVISORY                                | 0         | 0         | 1            |         | 0.000     | 0.000     | 0.023        |            |
| ENGINEERING                                | 0         | 0         | 8            |         | 0.000     | 0.000     | 2.158        |            |
|  | 10        | 0         | 35           | 45      | 0.079     | 0.000     | 6.444        | 6.523      |
| <b>SPECIAL MAINTENANCE</b>                 |           |           |              |         |           |           |              |            |
| MAINTENANCE                                | 53        | 3         | 70           |         | 3.115     | 0.338     | 9.272        |            |
| OPERATIONS                                 | 6         | 0         | 0            |         | 0.063     | 0.000     | 0.000        |            |
| HEALTH PHYSICS                             | 14        | 0         | 1            |         | 0.269     | 0.000     | 0.053        |            |
| SUPERVISORY                                | 7         | 0         | 2            |         | 0.116     | 0.000     | 0.103        |            |
| ENGINEERING                                | 0         | 0         | 4            |         | 0.000     | 0.000     | 0.383        |            |
|  | 80        | 3         | 77           | 160     | 3.563     | 0.338     | 9.811        | 13.712     |
| <b>WASTE PROCESSING</b>                    |           |           |              |         |           |           |              |            |
| MAINTENANCE                                | 11        | 0         | 15           |         | 0.037     | 0.000     | 0.927        |            |
| OPERATIONS                                 | 62        | 0         | 11           |         | 1.511     | 0.000     | 3.726        |            |
| HEALTH PHYSICS                             | 27        | 0         | 0            |         | 0.738     | 0.000     | 0.000        |            |
| SUPERVISORY                                | 3         | 0         | 0            |         | 0.139     | 0.000     | 0.000        |            |
| ENGINEERING                                | 0         | 0         | 0            |         | 0.000     | 0.000     | 0.000        |            |
|  | 103       | 0         | 26           | 129     | 2.425     | 0.000     | 4.653        | 7.078      |
| <b>REFUELING</b>                           |           |           |              |         |           |           |              |            |
| MAINTENANCE                                | 7         | 0         | 73           |         | 0.180     | 0.000     | 3.805        |            |
| OPERATIONS                                 | 9         | 1         | 1            |         | 0.577     | 0.045     | 0.023        |            |
| HEALTH PHYSICS                             | 5         | 0         | 2            |         | 0.596     | 0.000     | 0.033        |            |
| SUPERVISORY                                | 4         | 0         | 3            |         | 0.167     | 0.000     | 0.013        |            |
| ENGINEERING                                | 2         | 1         | 6            |         | 0.001     | 0.014     | 0.607        |            |
|  | 27        | 2         | 85           | 114     | 1.521     | 0.059     | 4.481        | 6.061      |

REGULATORY GUIDE 1.16 REPORT

NUMBER OF PERSONNEL AND PERSON-REM BY WORK AND JOB FUNCTION FOR 2000

-- NUMBER OF PERSONNEL (> 100 MREM) --

----- QUANTITY OF PERSON-REM -----

| WORK AND JOB FUNCTION | NUMBER OF PERSONNEL (> 100 MREM) |                   |                     | TOTAL PERSONS | QUANTITY OF PERSON-REM |                   |                     | TOTAL PERSON-REM |
|-----------------------|----------------------------------|-------------------|---------------------|---------------|------------------------|-------------------|---------------------|------------------|
|                       | STATION EMPLOYEES                | UTILITY EMPLOYEES | CONTRACTORS/ OTHERS |               | STATION EMPLOYEES      | UTILITY EMPLOYEES | CONTRACTORS/ OTHERS |                  |
| TOTAL BY JOB FUNCTION |                                  |                   |                     |               |                        |                   |                     |                  |
| MAINTENANCE           | 176                              | 3                 | 321                 | 500           | 57.943                 | 0.344             | 75.643              | 133.930          |
| OPERATING             | 75                               | 3                 | 13                  | 91            | 23.189                 | 0.064             | 4.898               | 28.151           |
| HEALTH PHYSICS        | 50                               | 0                 | 15                  | 65            | 16.343                 | 0.400             | 3.380               | 20.123           |
| SUPERVISORY           | 41                               | 0                 | 10                  | 51            | 11.113                 | 0.000             | 1.283               | 12.396           |
| ENGINEERING           | 15                               | 0                 | 50                  | 65            | 2.517                  | 0.283             | 18.482              | 21.282           |
| *** GRAND TOTAL ***   | 357                              | 6                 | 409                 | 772           | 111.105                | 1.091             | 103.686             | 215.882          |