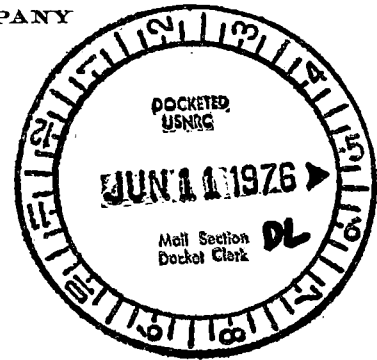


VIRGINIA ELECTRIC AND POWER COMPANY  
RICHMOND, VIRGINIA 23261

May 27, 1976



Mr. Norman G. Moseley, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Region II - Suite 818  
230 Peachtree Street, Northwest  
Atlanta, Georgia 30303

Serial No. 052  
PO&M/ALH:jlf

Docket No. 50-281  
License No. DPR-37

Dear Mr. Moseley:

Pursuant to Surry Power Station Technical Specification 6.6.2, the Virginia Electric and Power Company hereby submits a copy of Reportable Occurrence No. USRE-S2-76-05.

The substance of this report has been reviewed by the Station Nuclear Safety and Operating Committee and will be placed on the agenda for the next meeting of the System Nuclear Safety and Operating Committee.

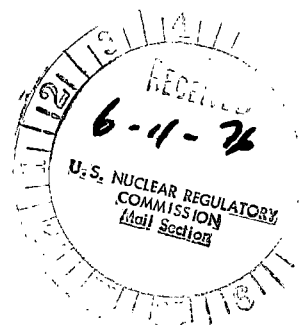
Very truly yours,

*G. M. Stallings*

G. M. Stallings  
Vice President-Power Supply  
and Production Operations

Enclosure

cc: Mr. Robert W. Reid, Chief (40)  
Operating Reactors Branch 4



5625

LICENSEE EVENT REPORT

USRE-S2-76-05

Regulatory Docket File

CONTROL BLOCK: 1 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

5-27-76

|               |   |      |    |          |    |             |    |               |    |               |    |   |   |                |   |            |   |   |   |             |   |   |   |   |  |  |  |              |  |  |  |  |  |            |  |
|---------------|---|------|----|----------|----|-------------|----|---------------|----|---------------|----|---|---|----------------|---|------------|---|---|---|-------------|---|---|---|---|--|--|--|--------------|--|--|--|--|--|------------|--|
| LICENSEE NAME |   |      |    |          |    |             |    |               |    |               |    |   |   | LICENSE NUMBER |   |            |   |   |   |             |   |   |   |   |  |  |  | LICENSE TYPE |  |  |  |  |  | EVENT TYPE |  |
| 01            | V | A    | S  | P        | S  | 2           | 0  | 0             | -  | 0             | 0  | 0 | 0 | 0              | - | 0          | 0 | 4 | 1 | 1           | 1 | 0 | 0 | 3 |  |  |  |              |  |  |  |  |  |            |  |
| 7             | 8 | 9    | 14 | 15       | 25 | 26          | 30 | 31            | 32 |               |    |   |   |                |   |            |   |   |   |             |   |   |   |   |  |  |  |              |  |  |  |  |  |            |  |
| 01            |   | CONT |    | CATEGORY |    | REPORT TYPE |    | REPORT SOURCE |    | DOCKET NUMBER |    |   |   |                |   | EVENT DATE |   |   |   | REPORT DATE |   |   |   |   |  |  |  |              |  |  |  |  |  |            |  |
| 01            | P | 0    | L  | L        | 0  | 5           | 0  | -             | 0  | 2             | 8  | 1 | 0 | 4              | 2 | 7          | 7 | 6 | 0 | 5           | 2 | 4 | 7 | 6 |  |  |  |              |  |  |  |  |  |            |  |
| 7             | 8 | 57   | 58 | 59       | 60 | 61          | 68 | 69            | 74 | 75            | 80 |   |   |                |   |            |   |   |   |             |   |   |   |   |  |  |  |              |  |  |  |  |  |            |  |

EVENT DESCRIPTION

02 Performance of the Type A containment leak rate test as required by Appendix J of  
 03 10CFR50 revealed that the overall integrated containment leakage rate was greater than  
 04 the acceptance criterion. The leak rate was measured to be .2989% by weight per 24  
 05 hours from a least squares fit of the hourly calculations of the mass of air in the  
 06 containment. The acceptance criterion, as specified in 10CFR50, is 0.075%/24 hour.

|             |   |            |    |                |    |    |    |                          |    |                        |   |   |           |   |   |
|-------------|---|------------|----|----------------|----|----|----|--------------------------|----|------------------------|---|---|-----------|---|---|
| SYSTEM CODE |   | CAUSE CODE |    | COMPONENT CODE |    |    |    | PRIME COMPONENT SUPPLIER |    | COMPONENT MANUFACTURER |   |   | VIOLATION |   |   |
| 07          | S | A          | E  | V              | A  | L  | V  | E                        | X  | A                      | Z | 9 | 9         | 9 | Y |
| 7           | 8 | 9          | 10 | 11             | 12 | 17 | 43 | 44                       | 47 | 48                     |   |   |           |   |   |

CAUSE DESCRIPTION

08 The performance of Type B and C tests of containment penetrations and isolation valves  
 09 is in progress. Repairs will be made to leaking components as revealed by these tests.  
 10 The results of Type A,B & C leak rate tests will be the subject of a summary (CONT'D)

|                           |   |                    |     |                    |              |    |     |                     |                     |  |                       |  |  |  |
|---------------------------|---|--------------------|-----|--------------------|--------------|----|-----|---------------------|---------------------|--|-----------------------|--|--|--|
| FACILITY STATUS           |   | % POWER            |     |                    | OTHER STATUS |    |     |                     | METHOD OF DISCOVERY |  | DISCOVERY DESCRIPTION |  |  |  |
| 11                        | H | 0                  | 0   | 0                  | N/A          | B  | N/A |                     |                     |  |                       |  |  |  |
| 7                         | 8 | 9                  | 10  | 12                 | 13           | 44 | 45  | 46                  |                     |  |                       |  |  |  |
| FORM OF ACTIVITY RELEASED |   | CONTENT OF RELEASE |     | AMOUNT OF ACTIVITY |              |    |     | LOCATION OF RELEASE |                     |  |                       |  |  |  |
| 12                        | Z | Z                  | N/A | N/A                |              |    |     |                     |                     |  |                       |  |  |  |
| 7                         | 8 | 9                  | 10  | 11                 | 44           | 45 |     |                     |                     |  |                       |  |  |  |

PERSONNEL EXPOSURES

|        |   |   |      |             |     |  |  |
|--------|---|---|------|-------------|-----|--|--|
| NUMBER |   |   | TYPE | DESCRIPTION |     |  |  |
| 13     | 0 | 0 | 0    | Z           | N/A |  |  |
| 7      | 8 | 9 | 11   | 12          | 13  |  |  |

PERSONNEL INJURIES

|        |   |   |             |     |  |  |
|--------|---|---|-------------|-----|--|--|
| NUMBER |   |   | DESCRIPTION |     |  |  |
| 14     | 0 | 0 | 0           | N/A |  |  |
| 7      | 8 | 9 | 11          | 12  |  |  |

OFFSITE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

|      |   |             |    |  |  |
|------|---|-------------|----|--|--|
| TYPE |   | DESCRIPTION |    |  |  |
| 16   | Z | N/A         |    |  |  |
| 7    | 8 | 9           | 10 |  |  |

PUBLICITY

17 N/A

ADDITIONAL FACTORS

18 The health and safety of the general public were not affected by this occurrence.

19

NAME: E. M. Sweeney, Jr.

PHONE: (804) 357-3184

CAUSE DESCRIPTION (CONTINUED)

technical report to the Commission.