| 195                      | CONTROL BLOCK: [ ] [] (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0 1                      | V A N A S 1 20 0 - 10 0 0 0 - 10 0 3 4 1 1 1 1 1 6 57 CAT 58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                          | SOURCE L 6 0 5 0 0 0 0 3 3 8 7 1 12 2 8 7 8 8 0 1 1 1 9 7 9 9  EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10  During normal Mode 1 operations the indication from the prossure transmitted DT 1404 to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 0 2                      | During normal Mode 1 operations, the indication from the pressure transmitter PT 1494 J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 0 [2]                    | for 1 "C" Steam Generator failed high. Since only indication was affected, the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 0 4                      | health and safety of the general public was not endangered. This event is reportable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 0 [5]                    | under T.S. 6.9.1.9.b.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 0 [6]                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 0 7                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 0 ' ~ ]                  | J SOUTH SALES CALLED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 0 [ 9 ]                  | SYSTEM CODE CODE SUBCODE COMPONENT CODE SUBCODE SUBCOD |
|                          | NUMBER 21 22 23 24 26 27 28 29 30 31 32  ACTION FUTURE EFFECT SHUTDOWN METHOD HOURS 22 ATTACHMENT SUBMITTED FORM SUB. PRIME COMP. COMPONENT SUBMITTED FORM SUB. SUPPLIER MANUFACTURER  A 18 2 19 2 23 24 26 27 28 29 30 31 32  COMPONENT MANUFACTURER WITH COMPONENT SUBMITTED FORM SUB. PRIME COMP. WANUFACTURER WANUFACTURER WANUFACTURER  A 18 2 19 3 10 3 11 32  CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 1 0                      | The cause of this failed indication was a faulty power supply card NLP C2-345,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1 1                      | serving the pressure transmitter PT 1494. Only the isolated output section of this                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 112                      | card was affected. The associated pressure channel was taken out of service and the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1 3                      | faulty card replaced. System was then returned to normal operation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1 4                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1 5                      | FACILITY STATUS SPOWER OTHER STATUS OF DISCOVERY DESCRIPTION (32)  LE 28 0 9 8 29 N/A A 45 46 Operator Observation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                          | ELEASED OF RELEASE AMOUNT OF ACTIVITY (3)  PERSONNEL EXPOSURES  AMOUNT OF ACTIVITY (3)  N/A  N/A  N/A  80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1 7                      | NUMBER TYPE DESCRIPTION (39)  0 0 0 37 Z 38 N/A  9 PERSONNEL INHURIES 13  80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1 8                      | NUMBER DESCRIPTION (41) O O O O O N/A  2 11 12 LOSS OF OR DAMAGE TO FACILITY (43)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 1 9                      | Z 42 N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2 0                      | 9 10 10 10 10 10 10 10 10 10 10 10 10 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CONTRACTOR OF THE PERSON | 9 10 68 69 80 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| B 40 A                   | NAME OF PREPARER W. R. Cartwright PHONE: 703-894-5151                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

Virginia Electric and Power Company North Anna Power Station, Unit No. 1 Docket No. 50-338 Report No. 78-138/03L-0

Attachment Page 1 of 1

### Description of Event

On 12/28/78 during normal Mode 1 operation "C" steam generator pressure indication from pressure transmitter PT 1494 was noticed to be pegged high. No other abnormal indication supporting this was observed so an emergency Maintenance Request was prepared to investigate.

Subsequent investigation revealed a faulty power supply card serving PT 1494. Only the isolated output section of the card was faulty and thus only indication was affected. The faulty power supply card was replaced and the transmitter was placed back in normal operation.

### Probable Consequence of Occurrence

The Engineered Safety Feature Actuation System required by T.S. 3.3.2.1 is provided to initiate automatic protective actions in the event of an accident. In this case the steam pressure transmitters are used to monitor steam pressure and generate a signal used to provide the protection described by T.S. table 3.3-4 parts "e" and "f" of section 1 "Safety Injection, Turbine Trip and Feedwater Isolation".

By placing the affected instrument out of service and placing the appropriate bistable in the tripped position, only one additional trip from either of the other two steam pressure channels on the same loop would be required to initiate a protective action. This is more conservative than the normal 2 out of 3 coincidence and thus there was no danger to the health and safety of operating personnel or the general public.

### Cause

The cause for the high indication from PT 1494 was a faulty isolated output section on a power supply card NLP C2-345.

# Immediate Corrective Action

Placed instrument channel P-1494 out of service and placed its associated bistables in tripped condition as per action statement 14 of T.S. 3.3.2.1. Replaced faulty card and returned instrument to normal operation.

# Scheduled Corrective Action

No scheduled corrective action required.

# Action Taken to Prevent Recurrence

No action required.