

LICENSEE EVENT REPORT

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | G | A | E | I | H | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5

7 8 9 14 15 25 26 30 57 CAT 58

LICENSEE CODE LICENSE NUMBER LICENSE TYPE

CONT

01 | L | 6 | 0 | 5 | 0 | 0 | 0 | 3 | 2 | 1 | 7 | 0 | 6 | 2 | 9 | 8 | 2 | 8 | 0 | 7 | 2 | 7 | 8 | 2 | 9

7 8 60 61 68 69 74 75 80

REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | On June 29, 1982, with Unit One in steady state, full power operation

03 | the 1G31 Reactor Water Conductivity Indicator was discovered to contain

04 | manufacturing errors. Incorrect component value resistors assembled on

05 | to the circuit board, during assembly, resulted in incorrect conductivity

06 | readings. In-line sampling, once every four hours, was performed as

07 | per T.S. Section 4.6.F.2.A. The health and safety of the public was not

08 | affected. This event was not repetitive.

7 8 9 80

09 | I | D | 11 | B | 12 | B | 13 | I | N | S | T | R | U | 14 | I | 15 | Z | 16

7 8 9 10 11 12 13 14 15 16 17 18 19 20

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

17 | 8 | 2 | 0 | 4 | 5 | 0 | 3 | L | 0

21 22 23 24 25 26 27 28 29 30 31 32

LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

18 | B | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | Y | 23 | N | 24 | A | 25 | B | 1 | 3 | 5 | 26

33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | The cause of this event has been attributed to manufacturing errors.

11 | The incorrect value components were located and replaced with proper

12 | components. The continuous conductivity monitoring instrument was then

13 | recalibrated and returned to service.

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14 |

7 8 9 80

15 | E | 28 | 1 | 0 | 0 | 29 | NA | A | 31 | Operator Observation | 52

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

16 | Z | 33 | Z | 34 | NA | NA | NA

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

ACTIVITY RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

17 | 0 | 0 | 0 | 37 | Z | 38 | NA

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

18 | 0 | 0 | 0 | 40 | NA

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

PERSONNEL INJURIES NUMBER DESCRIPTION

19 | Z | 42 | NA

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

20 | Z | 44 | NA

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

PUBLICITY ISSUED DESCRIPTION

21 | Z | 44 | NA

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

ISSUED DESCRIPTION

8208090277 820727
PDR ADOCK 05000321
S PDR

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

NRC USE ONLY

NAME OF PREPARER S. B. TippsPHONE (912) 367-7851

LER #: 50-321/1982-045
Licensee: Georgia Power Company
Facility Name: Edwin I. Hatch
Docket #: 50-321

Narrative Report
for LER 50-321/1982-045

On June 29, 1982, with Unit One in steady state, full power operation, the 1G31 Reactor Water Conductivity Indicator was discovered to contain manufacturing errors. While working under a Maintenance Request to investigate the cause of incorrect readings on the continuous Reactor Water Conductivity Monitoring Instrument, the factory representative discovered that the indicator input circuitry contained two incorrect value resistors. These resistors were located on a new circuit board, as supplied from the manufacturer. In-line sampling of Reactor Water Conductivity was performed every four hours, as per requirements of Tech Spec Section 4.6.F.2.A., which requires in-line sampling whenever the continuous conductivity monitor is inoperable. This event has no effect on Unit Two, since the Unit Two conductivity instrument is from a different manufacturer. The health and safety of the public was not affected. This event was not repetitive.

The cause of this event has been attributed to manufacturing errors. The incorrect circuit components were replaced with correct value components, and the instrument was recalibrated and returned to service on June 30, 1982.