

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | A L B R F 1 | 0 0 - 0 0 0 0 - 0 0 | 4 1 1 1 1 |
7 8 9 | LICENSEE CODE 14 15 | LICENSE NUMBER 25 26 | LICENSE TYPE 30 | CAT 58 59

CON'T
0 1 | REPORT SOURCE L | 0 5 0 0 0 2 5 9 | 0 3 0 1 8 0 | 0 3 2 8 8 0 |
7 8 9 | DOCKET NUMBER 60 61 | EVENT DATE 66 69 | REPORT DATE 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal operation (Unit 1: refueling outage, Unit 2: Cold shutdown for
0 3 | maintenance, Unit 3: normal power operation) during a winter storm with high winds
0 4 | and freezing rain; the Trinity offsite 16 -V power source was lost intermittently
0 5 | for 32 minutes (T.S. 3.9.B.1 Unit 3 and T.S. 3.9.C.2 Units 1 and 2). There was
0 6 | no danger to the public health or safety. Redundant systems: Diesel generators,
0 7 | Unit 1 station transformer in backfeed mode, Unit 3 station service energized,
0 8 | Athens offsite 161-kV power source. No previous occurrences.
7 8 9

0 9 | SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE
E A | C | Z | C K T B K R | F | Z |
7 8 9 | 9 10 11 12 13 18 19 20
17 | LES NO REPORT NUMBER | EVENT YEAR | SEQUENTIAL REPORT NO | OCCURRENCE CODE | REPORT TYPE | REVISION NO
8 0 | | 0 2 0 | | 0 3 | | L | | 0 |
21 22 23 24 26 27 28 29 30 31 32
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB PRIME COMP SUPPLIER COMPONENT MANUFACTURER
Z | X | Z | Z | 0 0 0 0 | Y | N | L | Z 9 9 9 |
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | Ice loading and high winds caused intermittent fault conditions requiring operation
1 1 | of line protective relaying. Shutdown loads were supplied from the Unit 1 500-kV
1 2 | backfeed until offsite 161-kV power was restored. An investigation of icing and
1 3 | wind effects on the Trinity line is being conducted by TVA.
1 4 |
7 8 9

1 5 | FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
H | 0 0 0 | Refuel Outage | A | Operator observed
7 8 9 | 10 11 12 13 30 44 45 46 32

1 6 | ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE
0 | Z | NA | NA
7 8 9 | 10 11 12 13 35 36

1 7 | PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION
0 0 0 | Z | NA
7 8 9 | 10 11 12 13 39 38

1 8 | PERSONNEL INJURIES NUMBER DESCRIPTION
0 0 0 | NA
7 8 9 | 10 11 12 13 41 41

1 9 | LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION
Z | NA
7 8 9 | 10 11 12 13 43 43

2 0 | PUBLICITY ISSUED DESCRIPTION
Y | NA
7 8 9 | 10 11 12 13 45 45

NAME OF OPERATOR

PHONE

800401-458

LER SUPPLEMENTAL INFORMATION

BFRO-50- 259 / 8020 Technical Specification Involved Units 1 & 2: 3.9.C.2
Unit 3: 3.9.B.1

Reported Under Technical Specification 6.7.2.b(2)

Date of Occurrence 3/1/80 Time of Occurrence 1028 Unit 1

Identification and Description of Occurrence: Intermittent loss of the Trinity off-site 161-kV power source from 1028 until 1100 hours. Ice loading and high winds resulted in a "galloping" phenomena whereby the phases were either touching or becoming close enough to flash over. This caused a fault condition requiring operation of line protective relaying.

Conditions Prior to Occurrence:

Unit 1 @ 0, refueling outage.

Unit 2 @ 0, cold shutdown for maintenance.

Unit 3 @ 100%, normal operation.

Action specified in the Technical Specification Surveillance Requirements met due to inoperable equipment. Describe.

None. Regulatory Guide 1.93 allows continued operation at full or reduced power for a limited time, if it is safer, than to effect an immediate shutdown on loss of some of the required power sources.

Apparent Cause of Occurrence:

Ice loading and high winds caused intermittent fault conditions requiring operation of line protective relaying.

Analysis of Occurrence:

There was no hazard to the public health or safety, no damage to Plant or equipment and no release of activity.

Corrective Action:

Shutdown loads were supplied from the Unit 1 500-kV backfeed until offsite 161-kV power was restored. An investigation of icing and wind effects on the Trinity line is being conducted by TVA.

Failure Data:

NA

*Retention: Period - Lifetime; Responsibility - Administrative Supervisor

*Revision: 