

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8011120344 DOC,DATE: 80/11/07 NOTARIZED: NO
 FACIL:50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.
 AUTH.NAME AUTHOR AFFILIATION
 JONES,J.L. Duke Power Co.
 RECIP.NAME RECIPIENT AFFILIATION
 Region 2, Atlanta, Office of the Director

DOCKET #
05000269

SUBJECT: LER 80-032/03L-0:on 801008,transformer lockout relay 86T
 initiated by 94T/K,When cover to 94T/K was removed to obtain
 part number,total overhead transmission was declared
 inoperable.Caused by possible instrument vibration.

DISTRIBUTION CODE: A002S COPIES RECEIVED:LTR 2 ENCL 1 SIZE: 2+1
 TITLE: Incident Reports

NOTES:M Cunningham:all amends to FSAR & changes to Tech Specs. 05000269
 AEOO,Ornstein:lcc.

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| | ID CODE/NAME | | REID,R. | | | | ID CODE/NAME | |
| | | | 3 | 3 | | | | |
| INTERNAL: | A/D COMP&STRU06 | 1 | 1 | | A/D ENV TECH 07 | 1 | 1 | |
| | A/D MATL & QU08 | 1 | 1 | | A/D OP REACT009 | 1 | 1 | |
| | A/D PLANT SYS10 | 1 | 1 | | A/D RAD PROT 11 | 1 | 1 | |
| | A/D SFTY ASSE12 | 1 | 1 | | A/D TECHNOLOG13 | 1 | 1 | |
| | ACC EVAL BR 14 | 1 | 1 | | AEOO | 2 | 2 | |
| | ASLBP/J.HARD | 1 | 1 | | AUX SYS BR 15 | 1 | 1 | |
| | CHEM ENG BR 16 | 1 | 1 | | CONT SYS BR 17 | 1 | 1 | |
| | CORE PERF BR 18 | 1 | 1 | | D/DIR,HUM FAC19 | 1 | 1 | |
| | DIR,ENGINEERI20 | 1 | 1 | | DIR,HUM FAC S21 | 1 | 1 | |
| | DIR,SYS INTEG22 | 1 | 1 | | EFF TR SYS BR23 | 1 | 1 | |
| | EQUIP QUAL BR25 | 1 | 1 | | GEOSCIENCES 26 | 1 | 1 | |
| | I&C SYS BR 29 | 1 | 1 | | I&E 05 | 2 | 2 | |
| | JORDAN,E./IE | 1 | 1 | | LIC GUID BR 30 | 1 | 1 | |
| | LIC QUAL BR 31 | 1 | 1 | | MATL ENG BR 32 | 1 | 1 | |
| | MECH ENG BR 33 | 1 | 1 | | MPA | 3 | 3 | |
| | NRC PDR 02 | 1 | 1 | | OP EX EVAL BR34 | 3 | 3 | |
| | OR ASSESS BR 35 | 1 | 1 | | POWER SYS BR 36 | 1 | 1 | |
| | RAD ASSESS BR39 | 1 | 1 | | REACT SYS BR 40 | 1 | 1 | |
| | <u>REG FILE</u> 01 | 1 | 1 | | REL & RISK A 41 | 1 | 1 | |
| | SFTY PROG EVA42 | 1 | 1 | | STRUCT ENG BR44 | 1 | 1 | |
| | SYS INTERAC B45 | 1 | 1 | | | | | |
| EXTERNAL: | ACRS 46 | 16 | 16 | | LPDR 03 | 1 | 1 | |
| | NSIC 05 | 1 | 1 | | TERA:DOUG MAY | 1 | 1 | |

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70
69 ENCL 70
69

L.S.

DUKE POWER COMPANY
OCONEE NUCLEAR STATION

Report Number: RO-269/80-32

Report Date: November 7, 1980

Occurrence Date: October 8, 1980

Facility: Oconee Nuclear Station, Seneca, South Carolina

Identification of Occurrence: Isolation of the Keowee Overhead Transmission Path

Conditions Prior to Occurrence: Oconee 1 - 100% FP
Oconee 2 - 100% FP
Oconee 3 - 100% FP

Description of Occurrence:

At 1028 hours on October 8, 1980, the transformer lockout relay 86T was initiated by relay 94T/K. PCB's 8 and 9 opened when the cover of the 94T/K relay was removed by Keowee personnel in order to obtain a part number. The total overhead transmission path at Keowee was declared inoperable. This constitutes operation in a degraded mode per Technical Specification 3.7.3 and is thus reportable pursuant to Technical Specification 6.6.2.1.b(2).

Apparent Cause of Occurrence:

This incident was caused by the removal of the cover of a 94T/K relay. The removal of the cover possibly vibrated the relay which in turn tripped the PCB's, thus isolating the overhead transmission path.

Analysis of Occurrence:

The overhead transmission path was inoperable for a very short period of time, approximately one minute. During the short period of the inoperability of the overhead transmission path, one Keowee unit was connected to the underground feeder. Therefore, emergency shutdown power was available to Oconee Nuclear Station. Thus, this incident was of no significance with respect to safe operation, and the health and safety of the public were not affected.

Corrective Action:

The cover was replaced and PCB's 8 and 9 were reclosed approximately within one minute, thus restoring the overhead transmission path to service. This relay is to be checked to insure that this trip was not the result of a faulty relay or mounting.

LICENSEE EVENT REPORT

EXHIBIT A

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

[01] [S][C][N][E][E][L] [2][0][0]-[0][0][0][0][0]-[0][0] [3][4][1][1][1][1] [4] [5]
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CONT
[01] REPORT SOURCE [L] [6][0][5][0][0][0][2][6][9] [7][1][0][0][8][8][0] [8][1][1][0][7][8][0] [9]
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

[02] On October 8, 1980, the transformer lockout relay 86T was initiated by relay
[03] 94T/K. PCB's 8 and 9 opened when the cover of the 94T/K relay was removed by
[04] Keowee personnel. The total overhead transmission path at Keowee was declared
[05] inoperable. The overhead path was only inoperable for approximately one minute.
[06] One unit was connected to the underground path during the inoperability.
[07] Therefore, emergency shutdown was available to Oconee Nuclear Station. Thus,
[08] this incident was of no significance with respect to safe operation and the
[09] health and safety of the public were not affected.

[09] SYSTEM CCDE [E][A] [11] CAUSE CODE [A] [12] CAUSE SUBCODE [B] [13] COMPONENT CODE [R][E][L][A][Y][X] [14] COMP. SUBCODE [A] [15] VALVE SUBCODE [Z] [16]
7 8 9 10 11 12 13 14 15 16 17
[17] LER/RO REPORT NUMBER [8][0] [] EVENT YEAR [] [] SHUTDOWN METHGD [Z] [21] HOURS [0][0][0] [22] ATTACHMENT SUBMITTED [Y] [23] NPRO-4 FORM SUB. [Y] [24] PRIME COMP. SUPPLIER [L] [25] COMPONENT MANUFACTURER [X][9][9][9] [26]
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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

[10] The incident was caused by the removal of the cover of a 94T/K relay. This
[11] possibly vibrated the relay which in turn tripped the PCB's. The cover was
[12] replaced and PCB's 8 and 9 were reclosed approximately within one minute, thus
[13] restoring the overhead transmission path to service. This relay is to be
[14] checked to insure that this trip was not the result of a faulty relay or mounting.

[15] FACILITY STATUS [E] [28] % POWER [1][0][0] [29] OTHER STATUS [NA] [30] METHOD OF DISCOVERY [A] [31] DISCOVERY DESCRIPTION [Keowee Operator Observation] [32]
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

[16] ACTIVITY CONTENT [Z] [33] [Z] [34] AMOUNT OF ACTIVITY [NA] [35] LOCATION OF RELEASE [NA] [36]
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

[17] PERSONNEL EXPOSURES NUMBER [0][0][0] [37] TYPE [Z] [38] DESCRIPTION [NA] [39]
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

[18] PERSONNEL INJURIES NUMBER [0][0][0] [40] DESCRIPTION [NA] [41]
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

[19] LOSS OF OR DAMAGE TO FACILITY TYPE [Z] [42] DESCRIPTION [NA] [43]
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

[20] PUBLICITY ISSUED DESCRIPTION [N] [44] [NA] [45] NRC USE ONLY
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

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