

CENSEE EVENT REPORT

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

0 1 | I | L | D | R | S | 2 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | _____ | 5
8 9 14 15 25 26 57 58
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

CON'T
0 1 | L | 6 | 0 | 5 | 0 | 0 | 0 | 2 | 3 | 7 | 7 | 0 | 1 | 1 | 9 | 7 | 8 | 8 | 0 | 2 | 0 | 2 | 7 | 8 | 9
8 60 61 68 69 74 75 80
REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
0 2 | During normal plant operation, a cable separation inspection request by the NRG re-
0 3 | vealed that two cables were not routed conservatively from a separation standpoint.
0 4 | This is not a repetitive occurrence and safe plant operation was not degraded because
0 5 | redundant cables provided the same electrical feeds as the non-conservatively routed
0 6 | cables.
0 7 |
0 8 | _____

0 9 | E | C | 11 | B | 12 | C | 13 | Z | Z | Z | Z | 7 | Z | 14 | Z | 15 | Z | 16 |
9 10 11 12 13 18 19 20
SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE
17 | LER/RO REPORT NUMBER | 7 | 8 | 21 | 22 | 23 | 0 | 0 | 4 | 24 | 26 | 27 | 0 | 1 | 28 | 29 | T | 30 | 31 | 0 | 32 |
EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
F 18 F 19 Z 20 Z 21 0 0 0 0 Y 23 N 24 N 25 G 0 8 0 0 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
1 0 | The non-conservative cable routing was an installation error during initial plant
1 1 | construction. Modifications are presently being engineered to correct the problem
1 2 | and will be implemented as soon as practical.
1 3 |
1 4 | _____

1 5 | E | 28 | 0 | 8 | 0 | 29 | NA | 30 | C | 31 | Cable routing inspection | 32
8 9 10 12 13 44 45 46
FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION
1 6 | Z | 33 | Z | 34 | NA | 35 | NA | 36
8 9 10 11 44 45 46
ACTIVITY CONTENT AMOUNT OF ACTIVITY LOCATION OF RELEASE
1 7 | 0 | 0 | 0 | 37 | Z | 38 | NA | 39
8 9 11 12 13
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION
1 8 | 0 | 0 | 0 | 40 | NA | 41
8 9 11 12
PERSONNEL INJURIES NUMBER DESCRIPTION
1 9 | Z | 42 | NA | 43
8 9 11 12
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION
2 0 | N | 44 | NA | 45
8 9 10
PUBLCITY ISSUED DESCRIPTION
NRC USE ONLY
8103090579 si Santanna 265

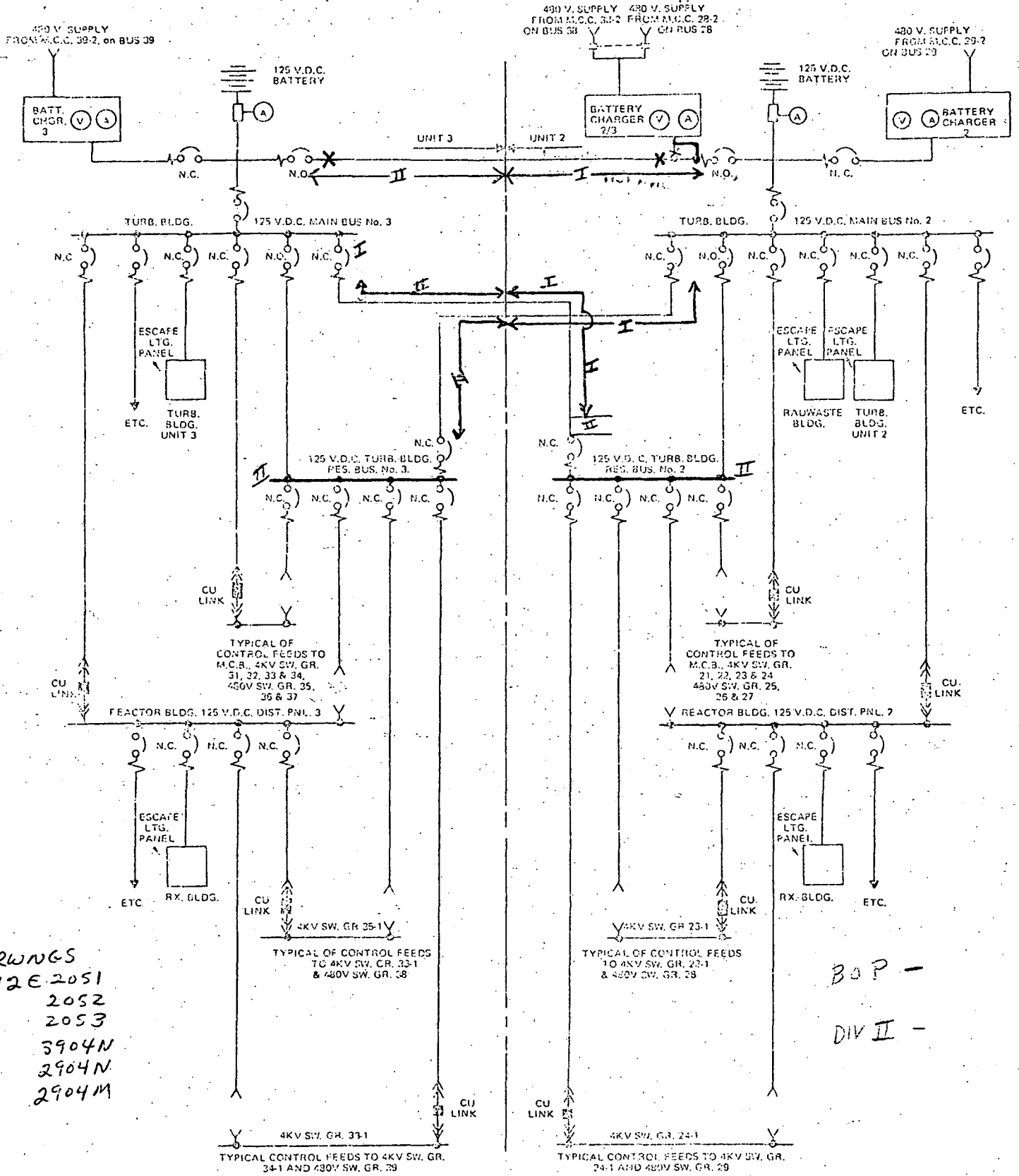
8103090579 si Santanna

ATTACHMENT TO LICENSEE EVENT REPORT 78-004/01T-0
COMMONWEALTH EDISON COMPANY (CWE)
DRESDEN UNIT 2 (ILDRS-2)
DOCKET # 050-237

During normal plant operation, an inspection was made in response to NRC questions regarding fire protection. The NRC requested that the licensee verify routing and separation of the U-2 and U-3 125V DC cables. It was determined that two cables were not routed conservatively from a separation standpoint. These cables were the cables connecting the U-2/3 125V DC battery charger with the U3 125V DC batteries and the cable connecting the U-3 turbine building 125V DC Main Bus No. 3 with the U-2 turbine building 125V DC Reserve Bus No. 2. Even though non-conservatively routed, the effect on safe plant operation is minimized since in the unlikely event of a fire in these cable trays multiple circuit breaker failures would have to occur to jeopardize the 125V batteries. The currently envisioned modifications are as follows.

The cable which connects the U 2/3 125V DC battery charger (which is located in the U-2 battery room) to the U-3 125V DC battery will be disconnected and the existing U 2/3 battery charger will become a redundant charger dedicated to U-2. A new charger is planned for installation as a redundant charger for the Unit 3 battery. The cable which is routed from the U-3 turbine building 125V DC Main Bus No. 3 (Division 1) is in a conduit attached to the bottom of U-3 Division 2 trays up to the wall to the U-2 turbine building 125V DC Reserve Bus No. 2 (Division 2) is routed in U-2 Division 1 trays. This connection will be rerouted so that the cable from the U-3 turbine building 125V DC Main Bus No. 3 to the wall between Units 2 and 3 is in U3 Division 1. The connection from the Units 2 and 3 wall to the U-2 turbine building 125V DC Reserve Bus No. 2 will be rerouted in U-2 Division 2.

Modifications to accomplish these objectives are presently being engineered by Station Nuclear Engineering Dept. and will be implemented at the earliest practicable date. This information was reported to the NRC by letter dated Dec. 29, 1977 from M.S. Turbak to R. Bevin.



DRWNGS
 12E 2051
 2052
 2053
 3904N
 2904N
 2904M

BOP -
 DIV II -

M. Dillon
 10-28-77

FIGURE 10-9. 125 Vdc STATION BATTERY SYSTEM

RECEIVED DOCUMENT
CONTROL DESK

1978 FEB 15 PM 2 23

U.S. HRC
DISTRIBUTION SERVICES
BRANCH

26



Commonwealth Edison
Dresden Nuclear Power Station
R.R. #1
Morris, Illinois 60450
Telephone 815/942-2920

D. Lankam
FILE COPY

February 2, 1978

BBS LTR #117-78

James G. Keppler, Regional Director
Directorate of Regulatory Operations - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Reportable Occurrence Report #78-004/01T-0, Docket #050-237 is hereby submitted to your office in accordance with Dresden Nuclear Power Station Technical Specification 6.6.B.1.(i). Performance of structures, systems, or components that requires remedial action or corrective measures to prevent operation in a manner less conservative than assumed in the accident analyses in the safety analysis report or technical specifications bases; or discovery during plant life of conditions not specifically considered in the safety analysis report or technical specifications that require remedial action or corrective measures to prevent the existence or development of an unsafe condition.

B.B. Stephenson
Station Superintendent
Dresden Nuclear Power Station

BBS:dlz

Enclosure

cc: Director of Inspection & Enforcement
Director of Management Information & Program Control
File/NRC

FEB 7 1978

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