NRC FORM 366
(7-77)

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONTROL BLOCK: (1)

(2) LICENSEE CODE: I L D R S 2 — (3) LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 — (4) LICENSE TYPE: 4 1 1 1 1 — (5) CAT

CON'T

REPORT SOURCE: L (6) — DOCKET NUMBER: 0 5 0 0 0 2 3 7 (7) — EVENT DATE: 0 8 2 4 7 8 (8) — REPORT DATE: 0 9 0 7 7 8 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

With Unit 2 at steady operation and 2/3 Diesel Generator out of service for maintenance, Unit 2 diesel failed to start on first attempt. Diesel then started properly three times. The safety significance was minimal because off site power supplies were available. Similar occurrences as referenced in R.O. #50-237/1977-11, I#-12-2-72-9, I#-12-2-75-26, I#-12-2-75-39.

SYSTEM CODE: E E (11) — CAUSE CODE: E (12) — CAUSE SUBCODE: B (13) — COMPONENT CODE: M O T O R X (14) — COMP. SUBCODE: X (15) — VALVE SUBCODE: Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 7 8 — SEQUENTIAL REPORT NO.: 0 5 0 — OCCURRENCE CODE: 0 1 — REPORT TYPE: T — REVISION NO.: 0

ACTION TAKEN: A (18) — FUTURE ACTION: F (19) — EFFECT ON PLANT: Z (20) — SHUTDOWN METHOD: Z (21) — HOURS (22): 0 0 0 0 — ATTACHMENT SUBMITTED: Y (23) — NPRD-4 FORM SUB.: Y (24) — PRIME COMP. SUPPLIER: N (25) — COMPONENT MANUFACTURER: I 0 7 5 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

The pinion gear on one of the air start motors did not engage with diesel ring gear. The air start motor was replaced and Diesel started successfully. A modification is in progress to install a multiple start sequence which will increase Diesel Generator reliability at Dresden.

FACILITY STATUS: E (28) — % POWER: 0 9 5 (29) — OTHER STATUS (30): U3 at steady state — METHOD OF DISCOVERY: B (31) — DISCOVERY DESCRIPTION (32): Surveillance Testing

ACTIVITY RELEASED: Z (33) — CONTENT OF RELEASE: Z (34) — AMOUNT OF ACTIVITY (35): NA — LOCATION OF RELEASE (36): NA

PERSONNEL EXPOSURES — NUMBER: 0 0 0 (37) — TYPE: Z (38) — DESCRIPTION (39): NA

PERSONNEL INJURIES — NUMBER: 0 0 0 (40) — DESCRIPTION (41): NA

LOSS OF OR DAMAGE TO FACILITY (43) — TYPE: Z (42) — DESCRIPTION: NA

PUBLICITY — ISSUED: N (44) — DESCRIPTION (45): NA

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NAME OF PREPARER: J.E. Doyle — PHONE: 265

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

While Unit 2 was at steady operation and the 2/3 Diesel General was out of service for routine inspection, the Unit 2 Diesel Generator failed to start on the first Surveillance attempt. Thereafter, the Diesel Generator was started successfully three times. The safety significance of this event was minimal because all station off-site power supplies were available. There have been several Diesel Generator failure to start occurrences reported in the past at Dresden.

During the operability test the operator observed that the pinion gear on one of the air start motors did not engage with the diesel ring gear. The air start motor was replaced and the Diesel started successfully. A modification is in progress to install a multiple start sequence which will increase Diesel Generator reliability at Dresden.