

LICENSEE: COMMONWEALTH EDISON CO.
SITE: DRESDEN 3 EN NUMBER: 27071
DOCKET: 05000249 EVENT DATE: 04-11-94
RX TYPE: BWR EVENT TIME: 08:15
VENDORS: GE-3 NOTIFY DATE: 04-11-94
EMERGENCY CLASS: N/A REGION: 3 STATE: IL TIME: 11:46
OPS OFFICER: STEVE SANDIN
10 CFR SECTION: AIND 50.72(b)(2)(iii)(D) ACCIDENT MITIGATION
UNIT SCRAM RX INIT INITIAL MODE CURR CURRENT MODE
CODE CRIT PWR PWR
3 N N 0 REFUELING 0 REFUELING

LICENSEE DISCOVERED THAT THE DEGRADED VOLTAGE RELAYS' TRIP SETTINGS FOR EMERGENCY BUS "34-1" WERE LESS THAN THE FSAR SPECIFIED SETPOINT OF 110.4V.

"WHILE PERFORMING AS FOUND SETTINGS FOR SECOND LEVEL DEGRADED VOLTAGE RELAYS ON EMERGENCY BUS "34-1", THE TRIP SETTINGS WERE FOUND TO BE LOWER THAN THE REQUIRED SETTING AS SPECIFIED IN THE FSAR. RELAYS WERE REPLACED AND ARE NOW WITHIN THE REQUIRED SPECIFICATION."

DURING PERFORMANCE OF ANNUAL SURVEILLANCE "DOS 6600-9" (TESTING OF ECCS UNDERVOLTAGE AND DEGRADED VOLTAGE), BOTH ABB RELAYS MODEL #1TE-27N TESTED AT 109.46V AND 109.43V, RESPECTIVELY, WHICH IS LESS THAN THE FSAR SETPOINT. THIS WOULD RESULT IN 2 LPCI & 1 CORE SPRAY PUMP FAILING IF OPERATION WAS REQUIRED IN A DEGRADED VOLTAGE CONDITION LESS THAN THE FSAR SETPOINT BUT GREATER THAN THE AS FOUND TRIP SETTINGS. THE LICENSEE HAS REPLACED THE RELAYS ASSOCIATED WITH EMERGENCY BUS "34-1" AND WILL PERFORM TESTING FOR EMERGENCY BUS "33-1" NEXT WEEK. LICENSEE INFORMED THE RESIDENT INSPECTOR.

* * * UPDATE AT 0957 ON 04/14/94 BY VERCELLI ENTERED BY WEAVER *
* *

AT 0741 (CDT) ON 04/14/94, WHILE PERFORMING AS-FOUND RELAY SETTINGS FOR SECOND LEVEL DEGRADED VOLTAGE RELAYS ON EMERGENCY BUS "33-1", THE TRIP SETTINGS WERE FOUND TO BE LOWER THAN THE REQUIRED SETTING AS SPECIFIED IN THE FSAR. RELAYS WERE REPLACED AND ARE NOW WITHIN THE REQUIRED SPECIFICATIONS.

LICENSEE INFORMED THE NRC RESIDENT INSPECTOR. NOTIFIED R3DO CANIANO.

NOTE: SEE EVENT #27090 FOR A RELATED EVENT ON UNIT 2.

LICENSEE: COMMONWEALTH EDISON CO.
 SITE: DRESDEN 2 EN NUMBER: 27090
 DOCKET: 05000237 EVENT DATE: 04-13-94
 RX TYPE: BWR EVENT TIME: 15:00
 VENDORS: GE-3 NOTIFY DATE: 04-13-94
 EMERGENCY CLASS: N/A REGION: 3 STATE: IL TIME: 19:31
 OPS OFFICER: RUDY KARSCH
 10 CFR SECTION: AIND 50.72(b)(2)(iii)(D) ACCIDENT MITIGATION
 NLCO TECH SPEC LCO A/S

UNIT	SCRAM	RX	INIT	INITIAL MODE	CURR	CURRENT MODE
	CODE	CRIT	PWR		PWR	
2	N	Y	100	POWER OPERATION	100	POWER OPERATION

DEGRADED VOLTAGE RELAYS FOR BUS 24-1 AND 23-1 MAY NOT TRIP PRIOR TO REACHING THE TECH SPEC LCO LIMIT.

TECH SPEC TABLE 3.2.2 REQUIRES THAT WITH BOTH DEGRADED VOLTAGE RELAYS INOPERABLE PER BUS AN IMMEDIATE UNIT SHUTDOWN TO COLD CONDITIONS MUST BE COMMENCED. ENFORCEMENT DISCRETION TO CONTINUE OPERATION UNTIL 4/20/94 WAS GRANTED VERBALLY BY REGION 3 TO THE LICENSEE AT 1630 CDT.

THE LICENSEE IS PRESENTLY TRYING TO DETERMINE IF THE RELAYS' SET POINTS DO IN FACT SATISFY THE DESIGN BASIS REQUIREMENTS OF THE SAFETY ANALYSIS. FOLLOW UP INFORMATION WILL BE PROVIDED. A PART 21 NOTIFICATION WILL BE ISSUED REGARDING THE TEST POWER SUPPLY THAT IS UTILIZED DURING THE BENCH CALIBRATION OF THE DEGRADED VOLTAGE RELAYS. IT WAS THE USE OF THIS POWER SUPPLY AND NOT TAKING LEAD POLARITY INTO CONSIDERATION THAT LED TO THE SET POINT UNCERTAINTY. THE LICENSEE INFORMED THE NRC RESIDENT INSPECTOR.

NOTE: SEE EVENT #27071 FOR A RELATED EVENT ON UNIT 3.