	LICENSEE EVENT REPORT
•	CONTROL BLOCK: [] [] [] (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)
0 1	I L Z I S 1 2 00 -0 00 0 -0 0 34 1 1 1 1 1 5 5 CAT 58
CON'T 0 1 7 8	EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (1) Discovery of existing charging pump 10CFR Part 21 concern through
0 3	Westinghouse generic notification and Zion site specific evaluation.
04	During a postulated safety injection following secondary side high energy
	line break and the PORV's are nonoperational, charging pumps may have
0 5	insufficient flow to provide pump cooling. This applies to Unit 2 also.
0 6	Institution at the company of the co
0 7	
7 8	9 SYSTEM CAUSE CAUSE COMP. VALVE
0 9	S F 10 1 B 12 A 13 PU MP X X 14 SUBCODE SUBCOD
	TO REPORT NUMBER 21 22 23 24 26 27 28 29 30 31 32 COMPONENT
	TAKEN ACTION FUTURE OFFECT SHUTDOWN HOURS (22) ATTACHMENT NAPRO-4 PRIME COMP SUPPLIER SUPPLIE
10	Charging pump design flow insufficient at high pressure. Corrective
iii	laction was to issue standing order in control room to open miniflow
1 2	valves if pressure approaches safety valve setpoint so that recirc flow
1 3	lis present.
1 4 8	9 80
15	FACILITY STATUS OTHER STATUS OF DISCOVERY DESCRIPTION 32 E 3 1 0 0 2 NA D 3 Notification from NSSS
	ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)
7 8	PERSONNEL EXPOSURES NA 44 45 NA 80
[17]	NUMBER TYPE DESCRIPTION (39) 1 01 0 1 0 1(35)1 1(35)1 NA -
	9 PERSONNEL INJURIES 13 NUMBER DESCRIPTION (41) 1 0 0 0 (40) NA
7 8	9 11 12 BO
1 9	Z 42 NA 80
2 0	PUBLICITY ISSUED DESCRIPTION 45 NA 8006170475 S NRC USE ONLY
, "	NAME OF PREPARER James J. Madden

ATTACHMENT TO LER

No. 80-23/01 T - 0

COMMONWEALTH EDISON CO.

ZION GENERATING STATION

50-295

Description of Event

Westinghouse issued generic notification that Zion's centrifugal charging pumps might be subject to damage following a secondary side high energy line rupture. Following the sample calculation used in Westinghouse's letter and using Zion plant parameters it was decided that notification applied to Zion.

Consequences of Occurren

At some pressures above PORV setpoint (2385 psig) the charging pumps will be unable to pump sufficient flow into the system and may be damaged.

Cause of Occurrence

The miniflow (recirc.) valves close on an SI (Safety injection) signal, the charging pumps may not provide sufficient flow to cool the pump.

Corrective Actions

A standing order has been written instructing the reactor operators to reopen the miniflow valves if system pressure approaches safety valve setpoint. Removing the SI signal to the miniflow valves will be evaluated upon receipt of additional document from Westinghouse identifying effects this change may have on other accidents.