	LICENSEE EVENT REPORT
	CONTROL BLOCK: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11	CITIMINIS 1 1 0 0 10 1- 10 10 10 10 10 10 10 10 10 10 10 10 10
ON'T	BEFORT LL 6 0 5 10 10 10 12 14 15 0 10 17 11 12 17 19 8 0 8 11 0 7 9 6 SOURGE 60 DOCKET NUMBER 60 60 EVENT DATE 80
1 2	EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)  [ On July 12, 1979, at 1030 hours, while performing routine surveillance (Reactor
13]	Low-Low Mater Level Functional and Calibration) on vessel level instrumentation,
1 4	Lit was discovered that one of four level switches (LIS-263-72B) would not trip.
0 [6]	Failure of this switch to trip did not impair the systems ability to perform its
0 6	intended function since the other switches functioned normally.
0 7	
0 [8]	60
8	SYSTEM CAUSE CAUSE COMPONENT CODE SUBCODE SUBCODE
0 9 8	B 10 11 E 12 B 13 I N S T R 10 5 19 19 19 19 19 19 19 19 19 19 19 19 19
	(1) REPORT   7 9   -   0 2 1   -   27   28   29   30   SOURCE   10   2   1   -   31   32   -
	ACTION FUTURE ON PLANT SHOTTONIN BOURS (2) ANTAGEN FOR SUB- SUPPLIER MANUFACTURES (3) ANTAGEN FOR SUB- SUPPLIER
110	CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)    Investigation into the incident revealed that foreign particles, apparently
	metallic in nature, were causing binding of the magnetic shaft assembly portion
1 1	of the switch, causing it to become inoperable. The switch was cleaned, adjusted.
1.12	and satisfactorily tested.
1 3	and sacrataced rig cesses.
1 4	STATUS POWER OTHER STATUS (30) DISCOVERY DISCOVERY DESCRIPTION (32)  ROUTINE SURVEILLANCE
b	ACTIVITY CONTENT  RELEASED OF RELEASE  AMOUNT OF ACTIVITY 35
1 6	RELEASED OF RELEASE AMOUNT OF ACTIVITY NA NA 44 45
	PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39) NA
1 1 /	9 11 12 13
1   1	PERSONNEL RIJUHTES NUMBER DESCRIPTION (1) NO 10 10 10 10 10 10 10 10 10 10 10 10 10
-	1005 OF OR DAMAGE TO FACILITY (43) TYPE DESCRIPTION NA NA
1 1 1	NRC USE ONLY
3 0	PSSUED DESCRIPTION (45)  NA  G8 69  NO. 5
2 1	NAME OF PREPARER Ralph H. Young, Jr. PHONE 203-447-1792, X475

# ATTACHMENT TO LER 79-21/3L NORTHEAST NUCLEAR ENERGY COMPANY AILLSTONE NUCLEAR POWER STATION - UNIT 1 PROVISIONAL LICENSE NUMBER DPR21 DOCKET NUMBER 50-245

### IDENTIFICATION OF OCCURRENCE

An instrument that initiates part of the Emergency Core Cooling System logic was found to be unipping outside the allowable band as defined in Technical Specifications.

### CONDITIONS PRIOR TO OCCURRENCE

Prior to the occurrence, the plant was operating at steady state full power.

### DESCRIPTION OF OCCURRENCE

On July 12, 1979, at 1030 hours, while performing routine surveillance (Reactor Low-Low Water Level Functional and Calibration) on vessel level instrumentation, it was found that one of the four level switches (LIS-263-728) would not trip at any level signal.

## DESIGNATION OF APPARENT CAUSE OF OCCURRENCE

Investigation into the incident revealed that foreign particles, which appeared to be metallic in nature, were causing binding of the magnet shaft assembly portion of the switch, causing it to become inoperable.

# AMALYSIS OF OCCURRENCE

The level switch in question is part of a one-out-of-two-twice logic system that provides the initiation signal for Emergency Core Cooling Systems upon receipt of a reactor vessel low-low level signal. Failure of this switch to trip did not impair the system's ability to perform its intended function. The setpoints of the other three level switches in the logic system were checked and found to be within the desired range.

The switch that failed to operate is manufactured by the Yarway Corporation, Model Number 4418C.

# CORRECTIVE ACTION

The switch that failed to operate was cleaned, to remove all foreign particles, adjusted and satisfactorily tested.

POOR ORIGINAL

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