

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8011180708 DOC. DATE: 80/11/12 NOTARIZED: NO DOCKET #  
 FACIL: 50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow 05000331  
 AUTH. NAME: AUTHOR AFFILIATION  
 RAGER, M. S. Iowa Electric Light & Power Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 Region 3, Chicago, Office of the Director

AGH

SUBJECT: LER 80-051703L-0: on 801014, during surveillance testing at emergency diesel generators, 1G-21 was unresponsive to voltage control. Caused by cam switches becoming loose resulting in unresponsive potentiometer motor.

DISTRIBUTION CODE: A002S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1+1  
 TITLE: Incident Reports

NOTES:

ACTION:	RECIPIENT ID CODE/NAME	COPIES		RECIPIENT ID CODE/NAME	COPIES	
		LTTR	ENCL		LTTR	ENCL
	IPPOLITO, T. 04	3	3			
INTERNAL:	A/D COMP&STRU06	1	1	A/D ENV TECH 07	1	1
	A/D MATL & QU08	1	1	A/D OP REACT009	1	1
	A/D PLANT SYS10	1	1	A/D RAD PROT 11	1	1
	A/D SFTY ASSE12	1	1	A/D TECHNOLOG13	1	1
	ACC EVAL BR 14	1	1	AEDD	2	2
	ASLBP/J. HARD	1	1	AUX SYS BR 15	1	1
	CHEM ENG BR 16	1	1	CONT SYS BR 17	1	1
	CORE PERF BR 18	1	1	D/DIR, HUM FAC19	1	1
	DIR, ENGINEER120	1	1	DIR, HUM FAC S21	1	1
	DIR, SYS INTEG22	1	1	EFF TR SYS BR23	1	1
	EQUIP QUAL BR25	1	1	GEOSCIENCES 26	1	1
	I&C SYS BR 29	1	1	I&E 05	2	2
	JORDAN, E./IE	1	1	LIC GUID BR 30	1	1
	LIC QUAL BR 31	1	1	MATL ENG BR 32	1	1
	MECH ENG BR 33	1	1	MPA	3	3
	NRC PDR 02	1	1	OP EX EVAL BR34	3	3
	OR ASSESS BR 35	1	1	POWER SYS BR 36	1	1
	RAD ASSESS BR39	1	1	REACT SYS BR 40	1	1
	REG FILE 01	1	1	REL & RISK A 41	1	1
	SFTY PROG EVA42	1	1	STRUCT ENG BR44	1	1
	SYS INTERAC B45	1	1			
EXTERNAL:	ACRS 46	16	16	LPDR 03	1	1
	NSIC 05	1	1	TERA: DOUG MAY	1	1

NOV 19 1980

TOTAL NUMBER OF COPIES REQUIRED: LTTR 69 ENCL 69

# LICENSEE EVENT REPORT

CONTROL BLOCK:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | I | A | D | A | C | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | 8 | 0 | 3 | 1 | 1 | 1 | 1 | 2 | 8 | 0 | 9

CONT  
01 | REPORT SOURCE | L | 6 | 0 | 1 | 5 | 0 | 0 | 0 | 3 | 3 | 1 | 7 | 1 | 0 | 1 | 4 | 8 | 0 | 3 | 1 | 1 | 1 | 1 | 2 | 8 | 0 | 9

### EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

012 | During surveillance testing of Emergency Diesel Generators, 1G-21 was un  
013 | responsible to voltage control. The D/G was taken inop for inspection. Te  
014 | ch Spec 3.8.A.2 requires both diesel generators to be operable during re  
015 | actor operation. Required testing determined 1G-31 was operable. A 7-day  
016 | LCO was initiated in accordance with Tech Spec 3.5.G.1. 1G-21 was return  
017 | ed to service on day 2 to cancel the LCO. No previous similar occurrence  
018 | S.

019 | SYSTEM CODE | E | E | 11 | CAUSE CODE | E | 12 | CAUSE SUBCODE | A | 13 | COMPONENT CODE | T | N | S | I | T | R | U | 14 | COMP. SUBCODE | X | 15 | VALVE SUBCODE | Z | 16 |  
17 | LER/RO REPORT NUMBER | 8 | 18 | 0 | 19 | EVENT YEAR | 8 | 20 | 0 | 21 | SEQUENTIAL REPORT NO. | 0 | 22 | 5 | 23 | 1 | 24 | OCCURRENCE CODE | 0 | 25 | 3 | 26 | REPORT TYPE | L | 27 | REVISION NO. | 0 | 28 |  
ACTION TAKEN | B | 18 | FUTURE ACTION | Z | 19 | EFFECT ON PLANT | Z | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 0 | 22 | 0 | 23 | 0 | 24 | 0 | 25 | ATTACHMENT SUBMITTED | N | 26 | NPRO-4 FORM SUB. | N | 27 | PRIME COMP. SUPPLIER | A | 28 | COMPONENT MANUFACTURER | B | 29 | 0 | 30 | 9 | 31 | 3 | 32

### CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

119 | Cam switches became loose resulting in the potentiometer motor being  
120 | unresponsive to voltage controls. The potentiometer motor was voltage ad  
121 | justed and the cam switches were positioned properly. The D/G was operab  
122 | ility tested sat. Basler Electronics manufactured affected components.  
123 | No further corr. action is planned at this time.

115 | FACILITY STATUS | E | 29 | % POWER | 0 | 30 | 9 | 31 | 9 | 32 | OTHER STATUS | NA | 33 | METHOD OF DISCOVERY | B | 34 | SURVEILLANCE TEST | 35 | DISCOVERY DESCRIPTION

115 | ACTIVITY CONTENT RELEASED OF RELEASE | Z | 36 | 7 | 37 | AMOUNT OF ACTIVITY | NA | 38 | LOCATION OF RELEASE | NA | 39

117 | PERSONNEL EXPOSURES NUMBER | 0 | 40 | 0 | 41 | 0 | 42 | TYPE | Z | 43 | DESCRIPTION | NA | 44

114 | PERSONNEL INJURIES NUMBER | 0 | 45 | 0 | 46 | 0 | 47 | DESCRIPTION | NA | 48

119 | LOSS OF OR DAMAGE TO FACILITY TYPE | Z | 49 | DESCRIPTION | NA | 50

210 | PUBLICITY ISSUED | N | 51 | DESCRIPTION | NA | 52

NAME OF PREPARER Matthew S. Rager

PHONE: 319-851-5611

8011180708

9542-10-010