

C 06/20/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL 50-331

REC: KEPPLER J G
NRC

ORG: HAMMOND E L
IA ELEC LIGHT & PWR

DOC DATE: 06/09/78
DATE RCVD: 06/16/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-331/78-027) ON 05/12/78 CONCERNING MSIV
LEAKAGE CONTROL SYSTEM MOV 8401C WOULD NOT OPEN WHEN INITIATED. . . MOV THERMAL
OVERLOADS WERE TRIPPED. . . OCCURANCE CAUSED BY MIS-ADJUSTMENT OF TORQUE SWITCH
ON VALVE MOTOR OPERATOR

PLANT NAME: DUANE ARNOLD

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: *M*

***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

INCIDENT REPORTS
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF DRB#3 BC**W/4 ENCL

INTERNAL:

REC FILE**W/ENCL
I & E**W/2 ENCL
I & C SYSTEMS BR**W/ENCL
NOVAK/CHECK**W/ENCL
AD FOR ENG**W/ENCL
HANAUER**W/ENCL
AD FOR OPER TECH**W/ENCL
ENGINEERING BR**W/ENCL
KREGER/J, COLLINS**W/ENCL
K SEYFRIT/IE**W/ENCL

NRC PDR**W/ENCL
MIPC**W/3 ENCL
EMERGENCY PLAN BR**W/ENCL
EEB**W/ENCL
PLANT SYSTEMS BR**W/ENCL
AD FOR PLANT SYSTEMS**W/ENCL
REACTOR SAFETY BR**W/ENCL
VOLLMER/BUNCH**W/ENCL
POWER SYS BR**W/ENCL

EXTERNAL:

LPDR'S
CEDAR RAPIDS, IA**W/ENCL
TIC**W/ENCL
NSIC**W/ENCL
ACRS CAT B**W/16 ENCL

DISTRIBUTION: LTR 45 ENCL 45
SIZE: 1P+1E

CONTROL NBR: 781720039

AD of 61

***** THE END *****

04/01/78 - 04/30/78

FILE LEVELS ----- DOC. DATE

50-362 SOUTHERN CALIFORNIA EDISON COMPANY SAN ONOFRE #3

50

03/13/78

ACCESSION NBR: 78086-0049

TASK NBR:

362

DOCUMENT TYPE: LETTER

FICHE NBR :

C

DOCUMENT SIZE: 1P

NOTARIZED: NO

DOCKET DATE:

LPDR: YES

REPORT NBR:

RECP: VOLGENAU E

RECP AFFILIA

ORG: SCHERER A E

ORG AFFILIAT

SUBJECT: ADDL INFO CONCERNING THE SUCCESSIVE
INJECTION PUMPS IMPELLER RETAINING PA
DURING PRE-OPERATIONAL TESTING AT SU

50

03/16/78

ACCESSION NBR: 78097-0214

TASK NBR:

362

DOCUMENT TYPE: LETTER

FICHE NBR :

C

DOCUMENT SIZE: 2P

NOTARIZED: NO

DOCKET DATE:

LPDR: YES

REPORT NBR:

RECP: ENGELKEN R H

RECP AFFILIA

ORG: DRAKE J H

ORG AFFILIAT

SUBJECT: RESPONSE TO IE BULLETIN NO. 78-01 CO
THE SUBJECT FACILITY.

50

03/23/78

ACCESSION NBR: 78088-0182

TASK NBR:

362

DOCUMENT TYPE: LETTER

FICHE NBR :

C

DOCUMENT SIZE: 1P+1P

NOTARIZED: NO

DOCKET DATE:

LPDR: YES

REPORT NBR:

RECP: MOORE J B

RECP AFFILIA

ORG: SPENCER G S

ORG AFFILIAT

SUBJECT: EXPRESSING THANKS FOR FURNISHING INF
HYDROGEN WELD ROD AT THE SUBJECT FAC

Lenahan FILE

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
June 9, 1978
DAEC - 78 - 288

Mr. James G. Keppler, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission - Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Subject: Licensee Event Report No. 78-027
(30 day)

File: A-118a

Dear Mr. Keppler:

In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center and Regulatory Guide 10.1, please find attached a copy of the subject Licensee Event Report. (Total of 3 copies transmitted)

Very truly yours,

Ellery L. Hammond

Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JV/nf

cc: Director, Office of Inspection and Enforcement (30)
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Director, Management Information and Program Control (3)
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

JUN 12 1978

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (1)

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	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)	(5)
7	8	9	14	15	LICENSE NUMBER									25	26	LICENSE TYPE					30	57		58	(5)				

0	1	REPORT SOURCE	L	(6)	0	15	0	0	0	3	3	1	(7)	0	5	1	2	7	8	(8)	0	6	0	9	7	8	(9)	
7	8	60		61	DOCKET NUMBER									68	69	EVENT DATE					74	75	REPORT DATE					80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During surveillance testing MSIV leakage control system MOV 8401C would

0 3 | not open when initiated. Investigation revealed the MOV thermal overload

0 4 | s were tripped. When reset MOV 8401C would stroke satisfactorily but the

0 5 | thermal overloads would trip again when the valve was closed. MSIV-LCS

0 6 | operability requirements listed in Tech. Spec. section 3.7 E. remaining

0 7 | MSIV-LCS subsystems were tested with satisfactory results. There has bee

0 8 | n one previous similar occurrence (See RO 77-79).

0	9	S	D	(11)	E	(12)	A	(13)	V	A	L	V	O	P	(14)	A	(15)	Z	(16)											
7	8	9	10	11	12	13	18	19	20	SEQUENTIAL REPORT NO.						OCCURRENCE CODE		REPORT TYPE		REVISION NO.										
17	(17)	7	8	—	0	2	7	—	0	3	L	—	0	LER/RO REPORT NUMBER		EVENT YEAR		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER		
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
E	Z	Z	Z	0	0	0	0	N	N	N	L	Z	0	0	CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)															

1 0 | The close torque switch on the valve motor operator was slightly out of

1 1 | adjustment which caused the MOV thermal overloads to trip when the valve

1 2 | was closed. The valve operator is a Limatorque Model SBOOO. The torque

1 3 | switch was adjusted and the valve tested through several cycles satisfa

1 4 | ctorily. No further corrective action planned.

1	5	F	(28)	0	7	8	(29)	NA	(30)	B	(31)	Surveillance Test	(32)																																							
7	8	9	10	11	12	13	14	15	16	17	18	19	FACILITY STATUS				% POWER				OTHER STATUS				METHOD OF DISCOVERY				DISCOVERY DESCRIPTION																							
1	6	Z	(33)	Z	(34)	NA	(35)	NA	(36)	ACTIVITY CONTENT										RELEASED OF RELEASE										AMOUNT OF ACTIVITY										LOCATION OF RELEASE												
7	8	9	10	11	12	13	14	15	16	17	18	19	PERSONNEL EXPOSURES										PERSONNEL INJURIES										LOSS OF OR DAMAGE TO FACILITY										PUBLICTY ISSUED									
1	7	0	0	0	(37)	Z	(38)	NA	(39)	PERSONNEL EXPOSURES										PERSONNEL INJURIES										LOSS OF OR DAMAGE TO FACILITY										PUBLICTY ISSUED												
7	8	9	10	11	12	13	14	15	16	17	18	19	PERSONNEL EXPOSURES										PERSONNEL INJURIES										LOSS OF OR DAMAGE TO FACILITY										PUBLICTY ISSUED									
1	8	0	0	0	(40)	NA	(41)	PERSONNEL EXPOSURES										PERSONNEL INJURIES										LOSS OF OR DAMAGE TO FACILITY										PUBLICTY ISSUED														
7	8	9	10	11	12	13	14	15	16	17	18	19	PERSONNEL EXPOSURES										PERSONNEL INJURIES										LOSS OF OR DAMAGE TO FACILITY										PUBLICTY ISSUED									
1	9	Z	(42)	NA	(43)	PERSONNEL EXPOSURES										PERSONNEL INJURIES										LOSS OF OR DAMAGE TO FACILITY										PUBLICTY ISSUED																
7	8	9	10	11	12	13	14	15	16	17	18	19	PERSONNEL EXPOSURES										PERSONNEL INJURIES										LOSS OF OR DAMAGE TO FACILITY										PUBLICTY ISSUED									
2	0	N	(44)	NA	(45)	PERSONNEL EXPOSURES										PERSONNEL INJURIES										LOSS OF OR DAMAGE TO FACILITY										PUBLICTY ISSUED																
7	8	9	10	11	12	13	14	15	16	17	18	19	PERSONNEL EXPOSURES										PERSONNEL INJURIES										LOSS OF OR DAMAGE TO FACILITY										PUBLICTY ISSUED									