

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO:
Mr. Norman G. Moseley

FROM:
Florida Power & Light Company
Miami, Florida
A. D. Schmidt

DATE OF DOCUMENT
6/27/77

DATE RECEIVED
7/22/77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1 SIGNED

DESCRIPTION

PLANT NAME:
St. Lucie Unit No.1
RJL 7/22/77

(1-P)

ENCLOSURE

Licensee Event Report (RO 50-335/77-27)
on 5/27/77 concerning Control Element
Assembly (CEA) #39 dropping.....

ACKNOWLEDGED

(2-P) **DO NOT REMOVE**

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:	Davis (4)
W/ 3 CYS FOR ACTION	
LIC ASST.:	

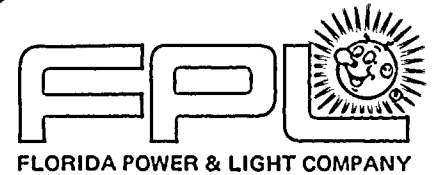
INTERNAL DISTRIBUTION

REG FILE	
NRC PDR	
T & E (2)	
MIPC	
SCHROEDER/IPPOLITO	
HOUSTON	
NOVAK/CHECK	
GRIMES	
KNIGHT	
BUTLER	
HANAUER	
TEDESCO	
EISENHUT	
BAER	
SHAO	
VOLLMER/RUNCH	
KREGER/ J. COLLINS	
ROSA	

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LDR: Ft Pierce Plant	<div style="border: 1px solid black; padding: 5px; display: inline-block;">772030250</div> AGY GD
TIC:	
NSIC:	
ACRS (16) SENT AS CAT. B	



Regulatory

File Copy

June 27, 1977

PRN-LI-77-208

Mr. Norman C. Moseley, Director, Region II
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
230 Peachtree Street, N. W., Suite 1217
Atlanta, Georgia 30303

Dear Mr. Moseley:

REPORTABLE OCCURRENCE 335-77-27
ST. LUCIE UNIT 1
DATE OF OCCURRENCE: MAY 27, 1977

CEA 39

The attached Licensee Event Report is being submitted in accordance with Technical Specification 6.9 to provide 30-day notification of the subject occurrence.

Very truly yours,

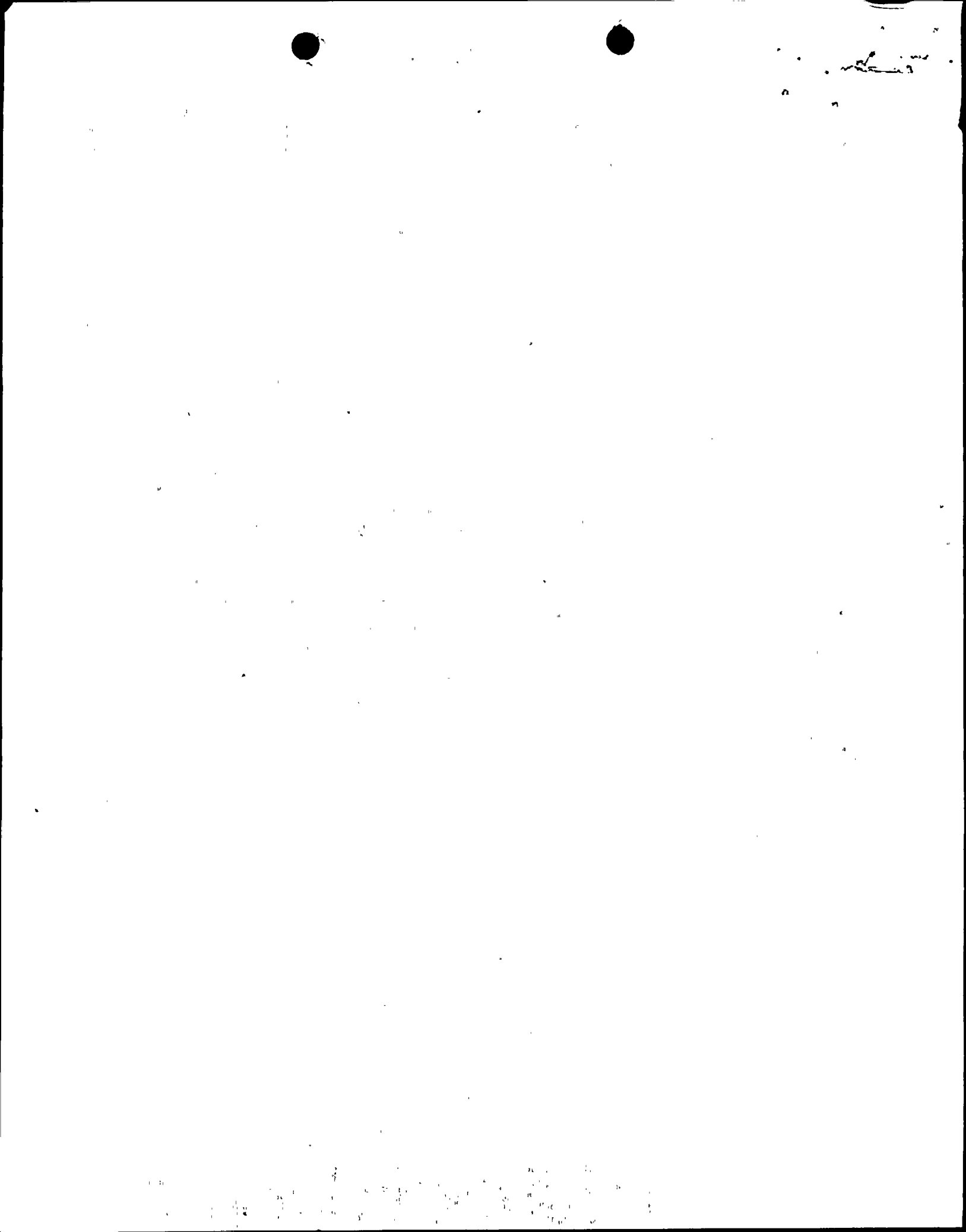
J.R. Beusen
for A. D. Schmidt
Vice President
Power Resources

MAS/cpc

Attachment

cc: Robert Lowenstein, Esquire
Director, Office of Inspection and Enforcement (30)
Director, Office of Management Information and
Program Control (3)

772030250



LICENSEE EVENT REPORT

Regulatory

File Cy.

CONTROL BLOCK:

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(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME						LICENSE NUMBER										LICENSE TYPE					EVENT TYPE				
01	F	L	S	L	S	1	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	3	
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
01 CONT		CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER					EVENT DATE					REPORT DATE									
01	CONT			L	L	0	5	0	-	0	3	3	5	0	5	2	7	7	7	0	6	2	7	7	7
7	8	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

EVENT DESCRIPTION

02	With the plant operating at power, and the Control Element Drive System																							80
03	(CEDs) in the Auto Sequential Mode, Control Element Assembly (CEA) #39																							80
04	dropped. The dropped CEA initiated a turbine runback. During the run-																							80
05	back transient the "A" train feedwater regulating valve failed open due to																							80
06	blown fuses, thereby causing the "A" main feedwater pump to trip on low																							80

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER			VIOLATION			
07	R	B	E	C	O	N	R	O	D	N	C	4	9	0	N	
7	8	9	10	11	12	13	14	15	16	17	43	44	45	46	47	48

CAUSE DESCRIPTION

08	CEA #39 was found to have a faulty insertion timer which would cause the																							80
09	rod to be released upon receipt of an insertion signal. The timer was re-																							80
10	placed and tested prior to returning the plant to power operation.																							80

FACILITY STATUS		% POWER			OTHER STATUS			METHOD OF DISCOVERY		DISCOVERY DESCRIPTION																																	
11	B	0	9	2	NA	a	NA	NA																																			
7	8	9	10	11	12	13	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

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY					LOCATION OF RELEASE																																																																
12	Z	Z	NA	NA																																																																					
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

PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION																																																																					
13	0	0	0	Z	NA																																																																				
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

PERSONNEL INJURIES

NUMBER		DESCRIPTION																																																																							
14	0	0	0	NA																																																																					
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

PROBABLE CONSEQUENCES

15	NA																							80
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LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION																																																																							
16	Z	NA																																																																							
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

PUBLICITY

17	NA																							80
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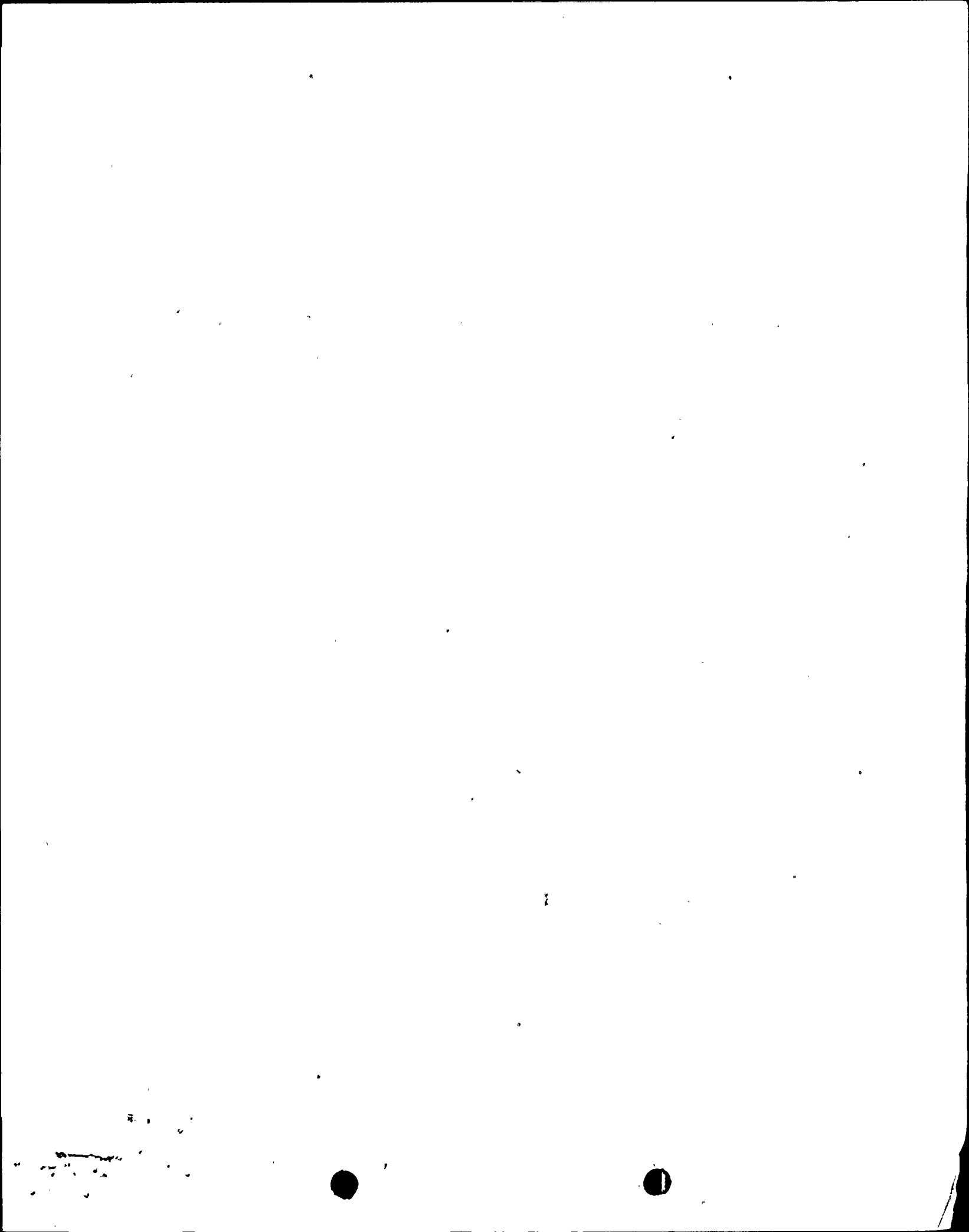
ADDITIONAL FACTORS

18	See Page Two for continuation of Event Description.																							80
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19																								80
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NAME: M. A. Schoppman

PHONE: (305) 552-3802



EVENT DESCRIPTION (Continued)

suction pressure. This led to a reactor trip on low steam generator level approximately four minutes after the CEA dropped. This report is generated due to Technical Specification 3.1.3.1e (CEA alignment requirements). This was the fourth "dropped CEA" occurrence (LER's 335-76-37, 335-77-6, 335-77-17). Since the four occurrences are unrelated with respect to cause, they are not considered to be generically related.

(335-77-27)

1977 JUL 22 PM 12 43

RECEIVED DOCUMENT
PROCESSING UNIT