

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO: J.G. KEPPLER

FROM: INDIANA & MICHIGAN PWR. CO.
BRIDGMAN, MICHIGAN
R.W. JURGENSEN

DATE OF DOCUMENT

11-4-76

DATE RECEIVED

11-8-76

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

30

DESCRIPTION

LTR. TRANS THE FOLLOWING.....

**DO NOT REMOVE
ACKNOWLEDGED**

PLANT NAME: COOK # 1

ENCLOSURE

LICENSEE EVENT REPORT # 76-46, ON 10-7-76
CONCERNING A FEEDWATER BLOW TRANSMITTER FOR # 1
S/G EXCEEDING L.C.O.
LICENSEE EVENT REPORT # 76-47, ON 10-13-76
CONCERNING THE TURBINE DRIVEN AUXILIARY FEED
PUMP FAILING TO START.....

(30 CARBON SIGNED CYS. RECEIVED)
(5 PAGES)

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

FOR ACTION/INFORMATION

SAB 11-8-76

BRANCH CHIEF:	ZIEMANN		
W/3 CYS FOR ACTION			
LIC. ASST.:	DIGGS		
W/ CYS			
ACRS 16 CYS XXXXXXXXXX SENT TO XXX ACRS CAT "B"			

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE			
NRC PDR			
I & E (2)			
MIPC			
SCHROEDER/IPPOLITO			
HOUSTON			
NOVAK/CHECK			
GRIMES			
CASE			
BUTLER			
HANAUER			
TEDESCO/MACCARY			
EISENHUT			
BAER			
SHAO			
VOLLMER/BUNCH			
KREGER/J. COLLINS			

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: ST. JOSEPH, MI			
TIC:			
NSIC:			

11328

il
a/b/f.

THE UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

TO: THE DIRECTOR, BUREAU OF LAND MANAGEMENT
FROM: THE REGIONAL DIRECTOR, SOUTHWEST REGION
SUBJECT: [Illegible]

DATE: [Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

regulatory

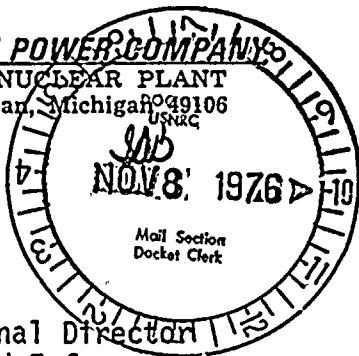
File Cys



INDIANA & MICHIGAN POWER COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106

November 4, 1976



Mr. J.G. Keppler, Regional Director
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Operating License DPR-58
Docket No. 50-315

Dear Mr. Keppler:

Pursuant to the requirements of Appendix A Technical Specifications and the United States Nuclear Regulatory Commission Regulatory Guide 1.16, Revision 4, Section 2.b, the following reports are submitted:

- RO 50-315/76-46
- RO 50-315/76-47.

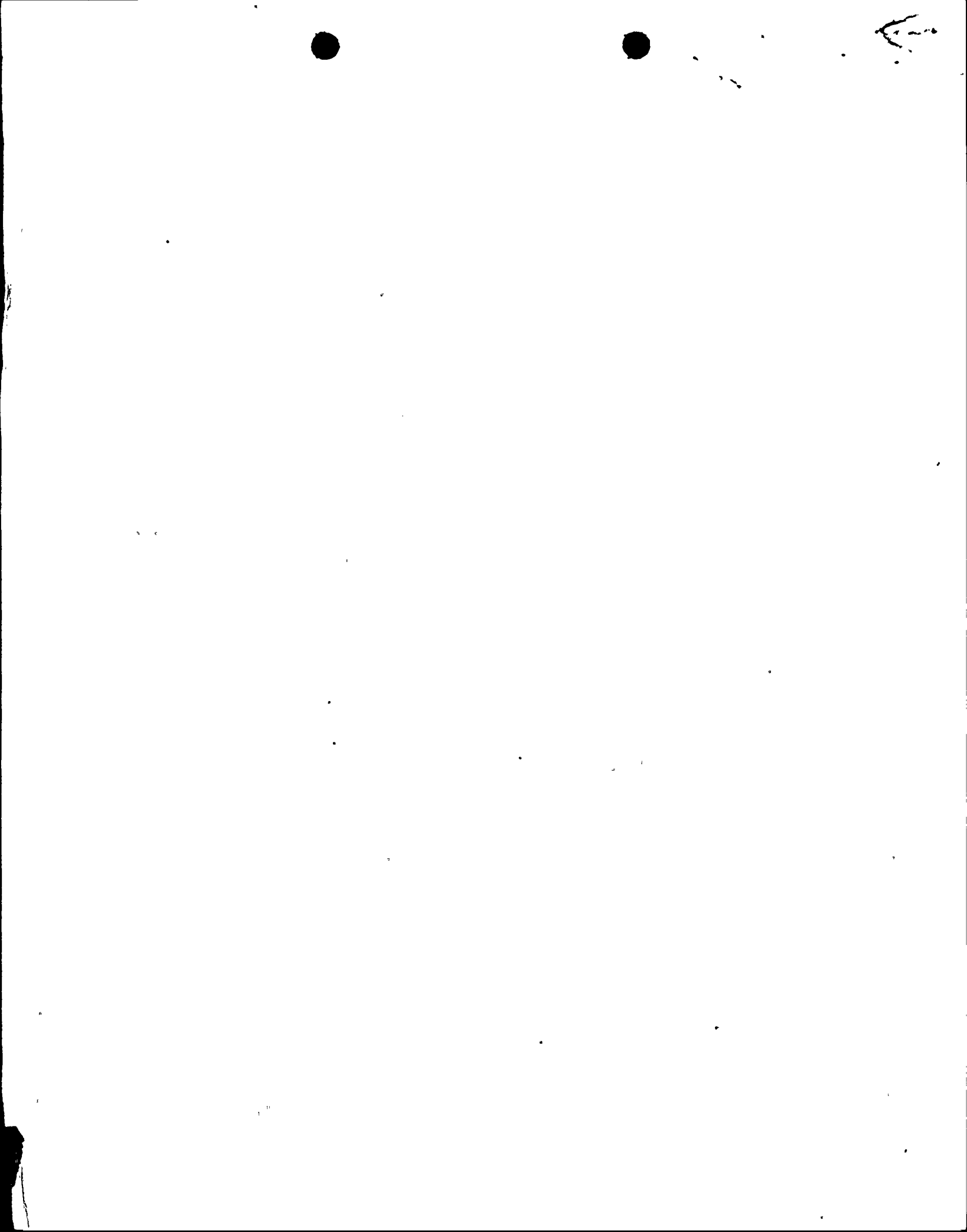
Sincerely,

R.W. Jurgensen
R.W. Jurgensen
Plant Manager

/bab

- cc: R.S. Hunter
J.E. Dolan
G.E. Lien
R. Kilburn
R.J. Vollen BPI
R.C. Callen MPSC
K.R. Baker RO:III
R. Walsh, Esq.
P.W. Steketee, Esq.
G. Charnoff, Esq.
G. Olson
J.M. Hennigan
PNSRC
R.S. Keith
Dir., IE (30 copies)
Dir., MIPC (3 copies)

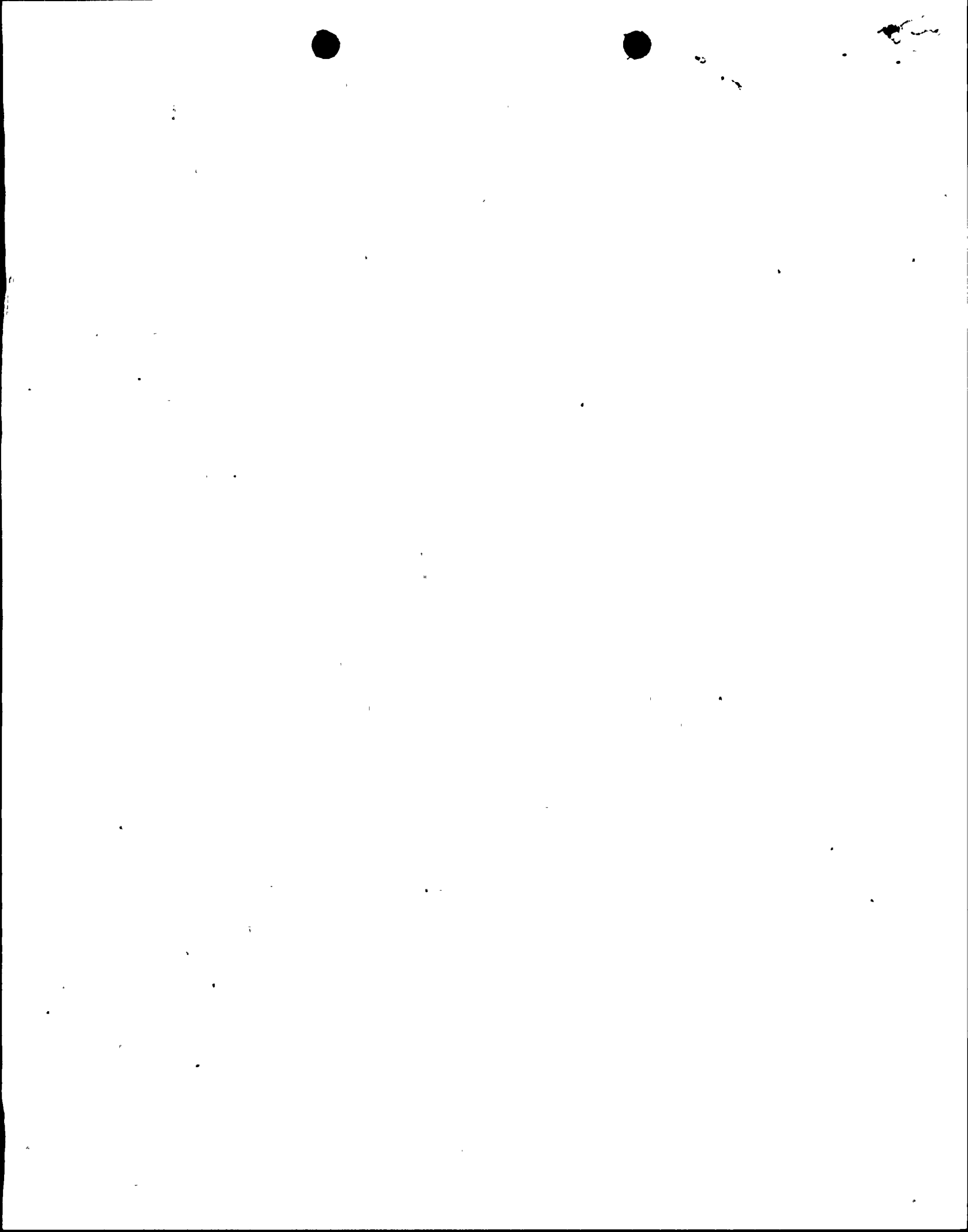
11328



SUPPLEMENT TO REPORTABLE OCCURRENCE RO-50-315/76-46

SUPPLEMENT TO CAUSE DESCRIPTION

TECHNICIAN WAS INSTRUCTED IN THE PROPER MANIPULATION OF THE VALVING. TO PREVENT RECURRENCE, A DESIGN CHANGE WAS PREVIOUSLY SUBMITTED JULY 13, 1976, TO MAKE A CONSERVATIVE CHANGE TO THE TRIP SETPOINT WHICH WILL PERMIT A GREATER ALLOWABLE MARGIN FOR INSTRUMENT DRIFT.



CONTROL BLOCK: 1 5

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: 01 M I D C C 1
 LICENSE NUMBER: 00-000000-00
 LICENSE TYPE: 41111
 EVENT TYPE: 03
 CATEGORY: 01 CONT
 REPORT TYPE: L
 REPORT SOURCE: L
 DOCKET NUMBER: 050-0315
 EVENT DATE: 101376
 REPORT DATE: 110476

EVENT DESCRIPTION

02 WHILE IN MODE 1 AT 100 PERCENT POWER, THE TURBINE DRIVEN AUXILIARY FEED PUMP FAILED TO
 03 START FROM THE CONTROL ROOM.
 04
 05
 06 (RO-050-315/76-47)

SYSTEM CODE: H H
 CAUSE CODE: E
 COMPONENT CODE: T U R B I N
 PRIME COMPONENT SUPPLIER: N
 COMPONENT MANUFACTURER: W 1 2 0
 VIOLATION: N

CAUSE DESCRIPTION

08 INVESTIGATION REVEALED THAT THE TRIP LINKAGE APPEARED TO BE STICKING, SPECIFICALLY THE
 09 PAW THAT ENGAGES THE THROTTLE STOP VALVE. MAINTENANCE REWORKED THE LINKAGE AND THE PAW
 10 ENGAGED PROPERLY TO RUN THE PUMP. A SERVICE REPRESENTATIVE INSTALLED (SEE SUPPLEMENT)

FACILITY STATUS: E
 % POWER: 100
 OTHER STATUS: NA
 METHOD OF DISCOVERY: B
 DISCOVERY DESCRIPTION: PREVENTIVE MAINTENANCE TEST
 FORM OF ACTIVITY RELEASED: Z
 CONTENT OF RELEASE: Z
 AMOUNT OF ACTIVITY: NA
 LOCATION OF RELEASE: NA

PERSONNEL EXPOSURES

13 000
 TYPE: Z
 DESCRIPTION: NA

PERSONNEL INJURIES

14 000
 DESCRIPTION: NA

PROBABLE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

16 Z
 DESCRIPTION: NA

PUBLICITY

17 NA

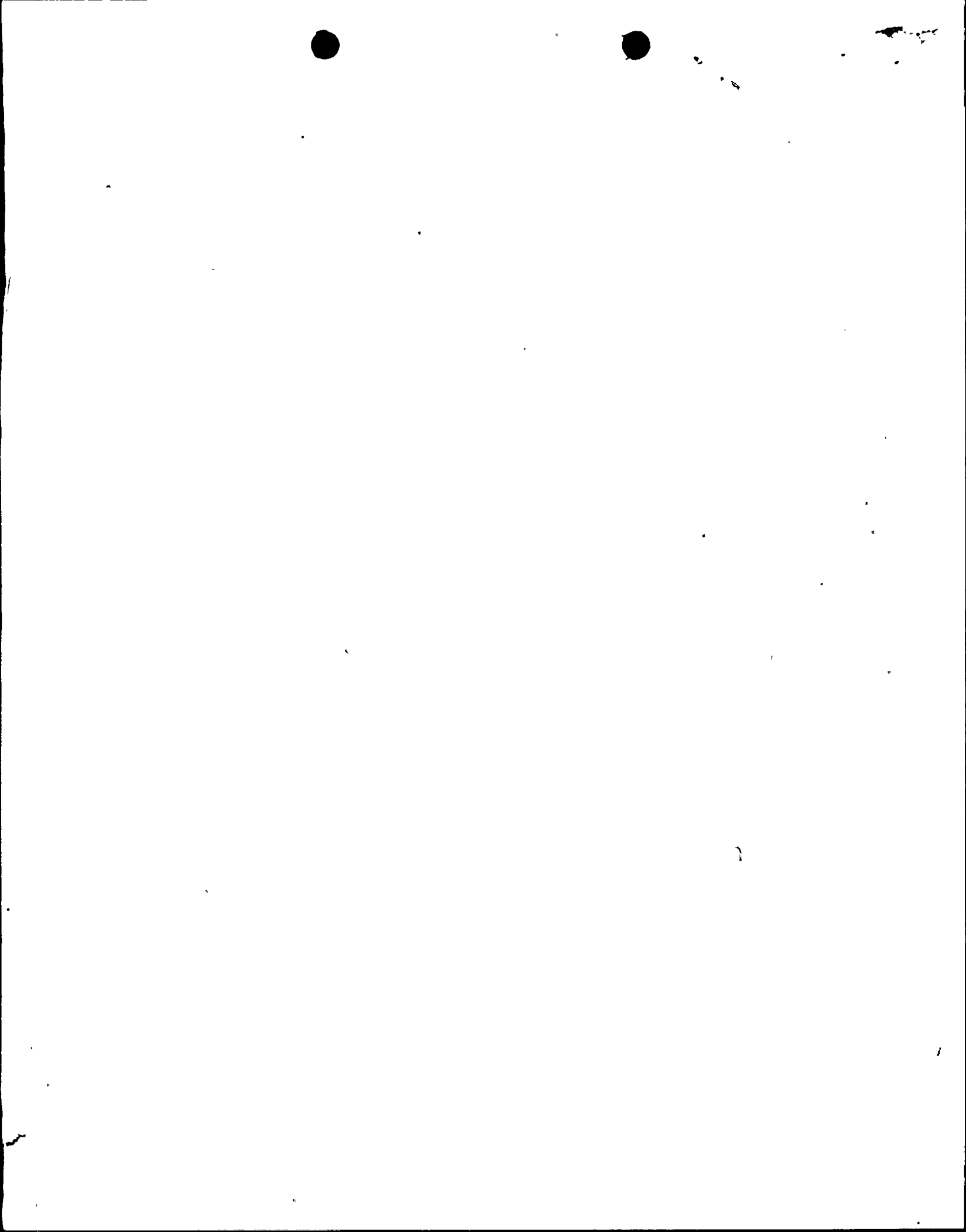
ADDITIONAL FACTORS

18 NA

19 NA

NAME: J.L.RISCHLING

PHONE: (616)465-5901(368)



SUPPLEMENT TO REPORTABLE OCCURRENCE RO-050-315/76-47

SUPPLEMENT TO CAUSE DESCRIPTION

A NEW LEVER ARM AND ADJUSTED THE TRIP MECHANISM. IN THE PAST THE TRIP SOLENOID WOULD NOT RESET THE TRIP MECHANISM AND IT HAD TO BE RESET MANUALLY. INVESTIGATION REVEALED THAT ONE OF THE TWO COILS WAS INSTALLED BACKWARDS, THIS RESULTED IN THE COILS OPPOSING EACH OTHER WHEN ENERGIZED. THE COILS WERE INSTALLED PROPERLY AND THE TURBINE WAS TESTED BY STARTING, TRIPPING AND RESETTING THE TRIP MECHANISM SEVERAL TIMES FROM THE CONTROL ROOM.

D. Lamborn



November 4, 1976

Mr. J.G. Keppler, Regional Director
Office of Inspection and Enforcement
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Operating License DPR-58
Docket No. 50-315

Dear Mr. Keppler:

Pursuant to the requirements of Appendix A Technical Specifications and the United States Nuclear Regulatory Commission Regulatory Guide 1.16, Revision 4, Section 2.b, the following reports are submitted:

- RO 50-315/76-46
- RO 50-315/76-47.

Sincerely,

R.W. Jurgensen
R.W. Jurgensen
Plant Manager

/bab

- cc: R.S. Hunter
- J.E. Dolan
- G.E. Lien
- R. Kilburn
- R.J. Vollen BPI
- R.C. Callen MPSC
- K.R. Baker RO:III
- R. Walsh, Esq.
- P.W. Steketee, Esq.
- G. Charnoff, Esq.
- G. Olson
- J.M. Hennigan
- PNSRC
- R.S. Keith
- Dir., IE (30 copies)
- Dir., MIPC (3 copies)

NOV 8 1976

20

21

22

LICENSEE EVENT REPORT

CONTROL BLOCK:

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(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME:

01	M	I	D	C	C	1
----	---	---	---	---	---	---

 LICENSE NUMBER:

0	0	-	0	0	0	0	0	-	0	0
---	---	---	---	---	---	---	---	---	---	---

 LICENSE TYPE:

4	1	1	1	1
---	---	---	---	---

 EVENT TYPE:

0	3
---	---

CONT:

0	1
---	---

 CATEGORY:

--	--

 REPORT TYPE:

L

 REPORT SOURCE:

L

 DOCKET NUMBER:

0	5	0	-	0	3	1	5
---	---	---	---	---	---	---	---

 EVENT DATE:

1	0	0	7	7	6
---	---	---	---	---	---

 REPORT DATE:

1	1	0	4	7	6
---	---	---	---	---	---

EVENT DESCRIPTION

02 | WHILE IN MODE 1 AT 100 PERCENT POWER, DURING PREPARATION FOR A THERMAL POWER CALCULATION
03 | A FEEDWATER FLOW TRANSMITTER FOR NO. 1 S/G (FFC-211) WAS FOUND TO HAVE AN ERROR OF
04 | 1.375%. THIS EXCEEDED L.C.O. LISTED IN TABLE 2.2-1, ITEM NO. 14 BY 0.875%. THE
05 | INSTRUMENT WAS IMMEDIATELY RECALIBRATED AND PUT BACK IN SERVICE.
06 | (R0-50-315/76-46)

SYSTEM CODE:

I	A
---	---

 CAUSE CODE:

A

 COMPONENT CODE:

I	N	S	T	R	U
---	---	---	---	---	---

 PRIME COMPONENT SUPPLIER:

N

 COMPONENT MANUFACTURER:

W	1	2	0
---	---	---	---

 VIOLATION:

Y

CAUSE DESCRIPTION

08 | INVESTIGATION REVEALED THERE WAS NO PAST HISTORY OF THIS TRANSMITTER HAVING EXCESSIVE
09 | DRIFT PROBLEMS. UPON FURTHER INVESTIGATION, IT WAS DISCOVERED THAT THE TECHNICIAN
10 | POSSIBLY MADE AN ERROR IN VALVING OUT THE TRANSMITTER. THE (SEE SUPPLEMENT)

FACILITY STATUS:

E

 % POWER:

1	0	0
---	---	---

 OTHER STATUS:

NA

 METHOD OF DISCOVERY:

C

 DISCOVERY DESCRIPTION:

CALIBRATION CHECK

FORM OF ACTIVITY RELEASED:

Z

 CONTENT OF RELEASE:

Z

 AMOUNT OF ACTIVITY:

NA

 LOCATION OF RELEASE:

NA

PERSONNEL EXPOSURES

13 | NUMBER:

0	0	0
---	---	---

 TYPE:

Z

 DESCRIPTION:

NA

PERSONNEL INJURIES

14 | NUMBER:

0	0	0
---	---	---

 DESCRIPTION:

NA

PROBABLE CONSEQUENCES

15 | NA

LOSS OR DAMAGE TO FACILITY

16 | TYPE:

Z

 DESCRIPTION:

NA

PUBLICITY

17 | NA

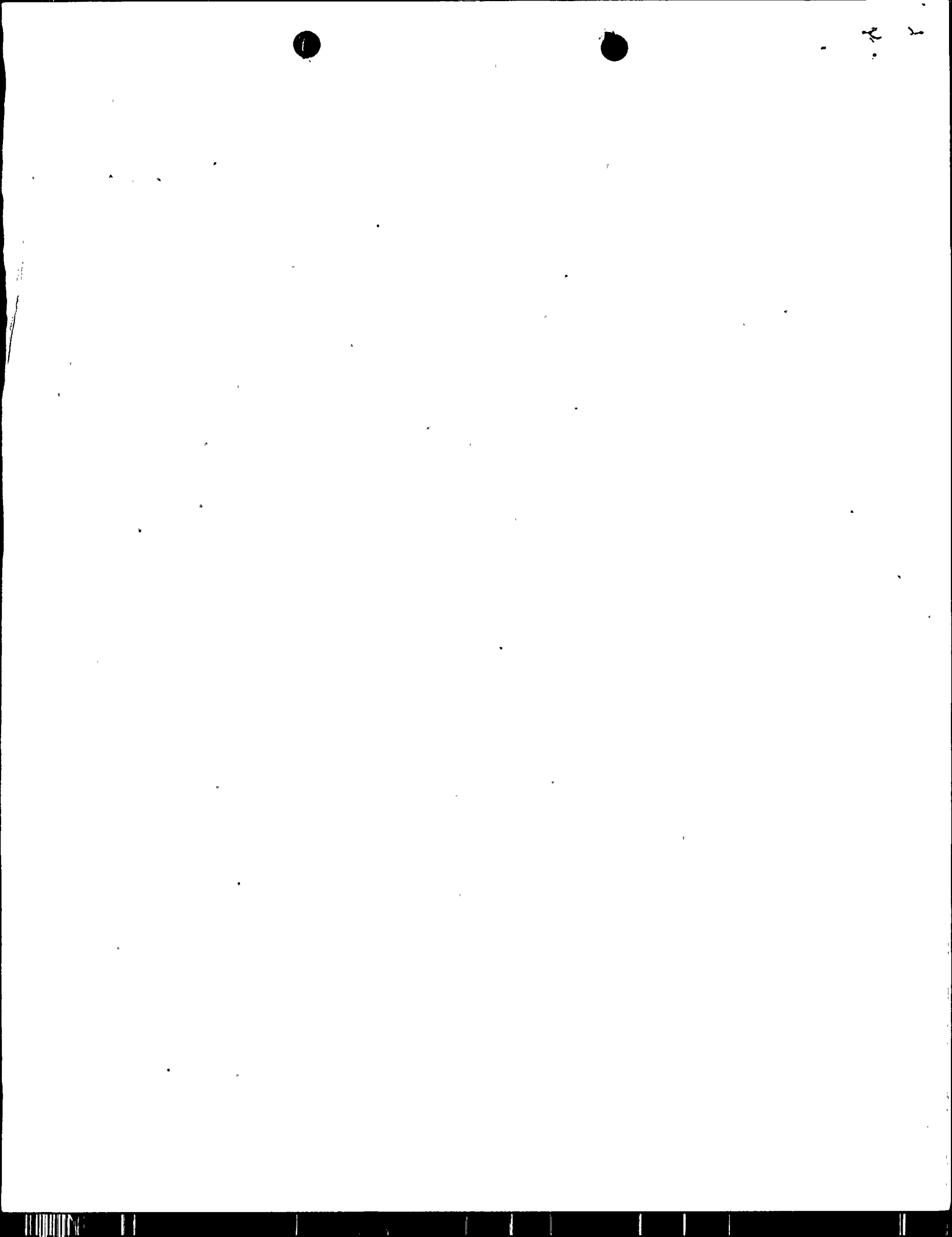
ADDITIONAL FACTORS

18 | NA

19 | NA

NAME: J.L.RISCHLING

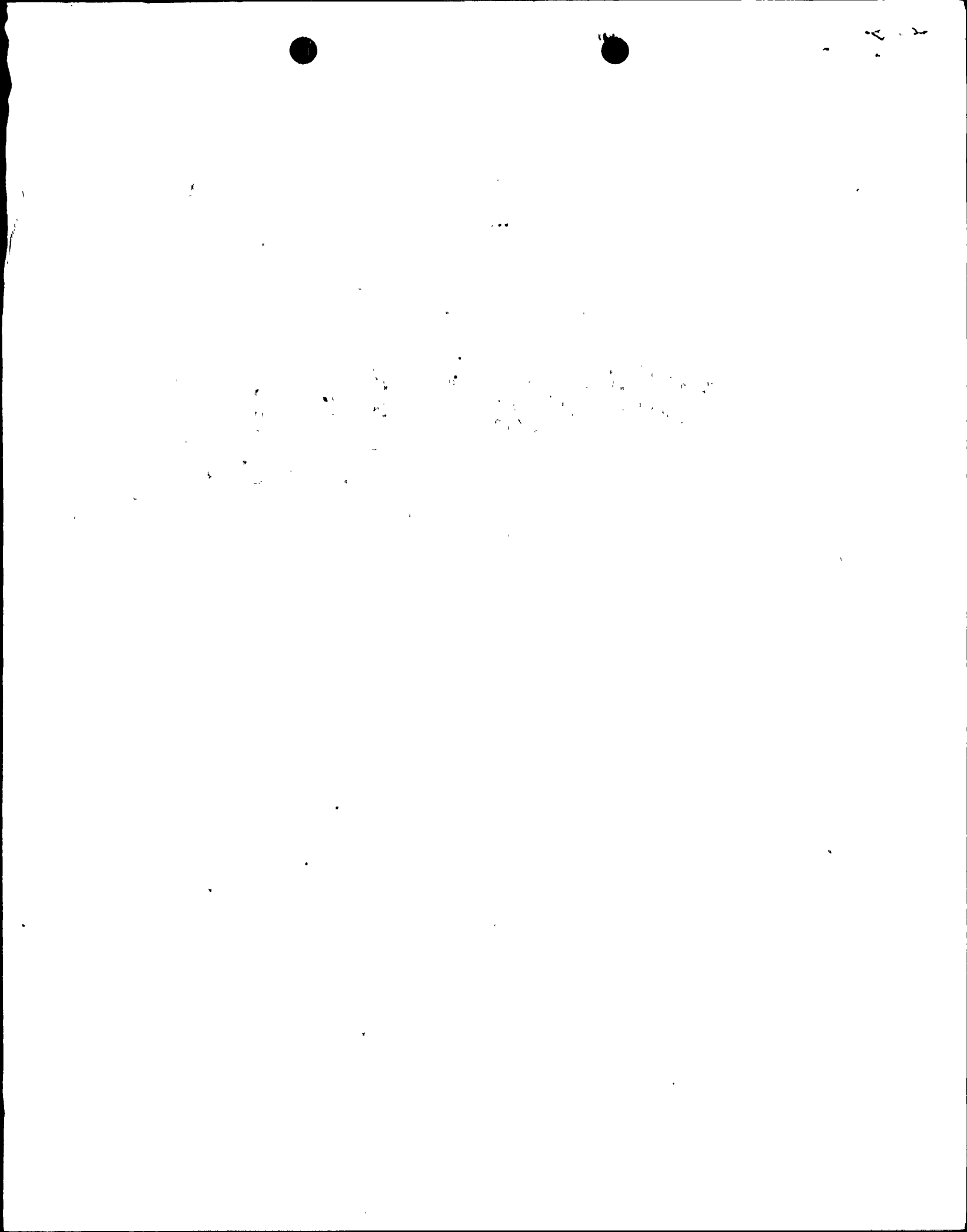
PHONE: (616)465-5901(368)



SUPPLEMENT TO REPORTABLE OCCURRENCE RO-50-315/76-46

SUPPLEMENT TO CAUSE DESCRIPTION

TECHNICIAN WAS INSTRUCTED IN THE PROPER MANIPULATION OF THE VALVING. TO PREVENT RECURRENCE, A DESIGN CHANGE WAS PREVIOUSLY SUBMITTED JULY 13, 1976, TO MAKE A CONSERVATIVE CHANGE TO THE TRIP SETPOINT WHICH WILL PERMIT A GREATER ALLOWABLE MARGIN FOR INSTRUMENT DRIFT.



LICENSEE EVENT REPORT

CONTROL BLOCK:

--	--	--	--	--	--

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME						LICENSE NUMBER						LICENSE TYPE				EVENT TYPE									
01	M	I	D	C	C	1	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	3	
7	8	9				14	15											26					31	32	
CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER				EVENT DATE				REPORT DATE											
01	CONT		L	L		0	5	0	-	0	3	1	5	1	0	1	3	7	6	1	1	0	4	7	6
7	8	57	58	59	60	61								68	69										80

EVENT DESCRIPTION

02	WHILE IN MODE 1 AT 100 PERCENT POWER, THE TURBINE DRIVEN AUXILIARY FEED PUMP FAILED TO																							80
03	START FROM THE CONTROL ROOM.																							80
04																								80
05																								80
06																								80
06	(RO-050-315/76-47)																							80

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER				VIOLATION		
07	H	H	E	T	U	R	B	I	N	N	W	1	2	0	N	
7	8	9	10	11	12					17	43	44			47	48

CAUSE DESCRIPTION

08	INVESTIGATION REVEALED THAT THE TRIP LINKAGE APPEARED TO BE STICKING, SPECIFICALLY THE																							80
09	PAW THAT ENGAGES THE THROTTLE STOP VALVE. MAINTENANCE REWORKED THE LINKAGE AND THE PAW																							80
10	ENGAGED PROPERLY TO RUN THE PUMP. A SERVICE REPRESENTATIVE INSTALLED (SEE SUPPLEMENT)																							80

FACILITY STATUS		% POWER		OTHER STATUS				METHOD OF DISCOVERY		DISCOVERY DESCRIPTION				
11	E	1	0	0	NA			B	PREVENTIVE MAINTENANCE TEST					
7	8	9	10	12	13			44	45	46				80

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY				LOCATION OF RELEASE					
12	Z	Z	NA				NA						
7	8	9	10	11				44	45				80

PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION	
13	0	0	0	Z	NA
7	8	9	11	12	13

PERSONNEL INJURIES

NUMBER		DESCRIPTION		
14	0	0	0	NA
7	8	9	11	12

PROBABLE CONSEQUENCES

15	NA																							80
----	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION	
16	Z	NA	
7	8	9	10

PUBLICITY

17	NA																							80
----	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

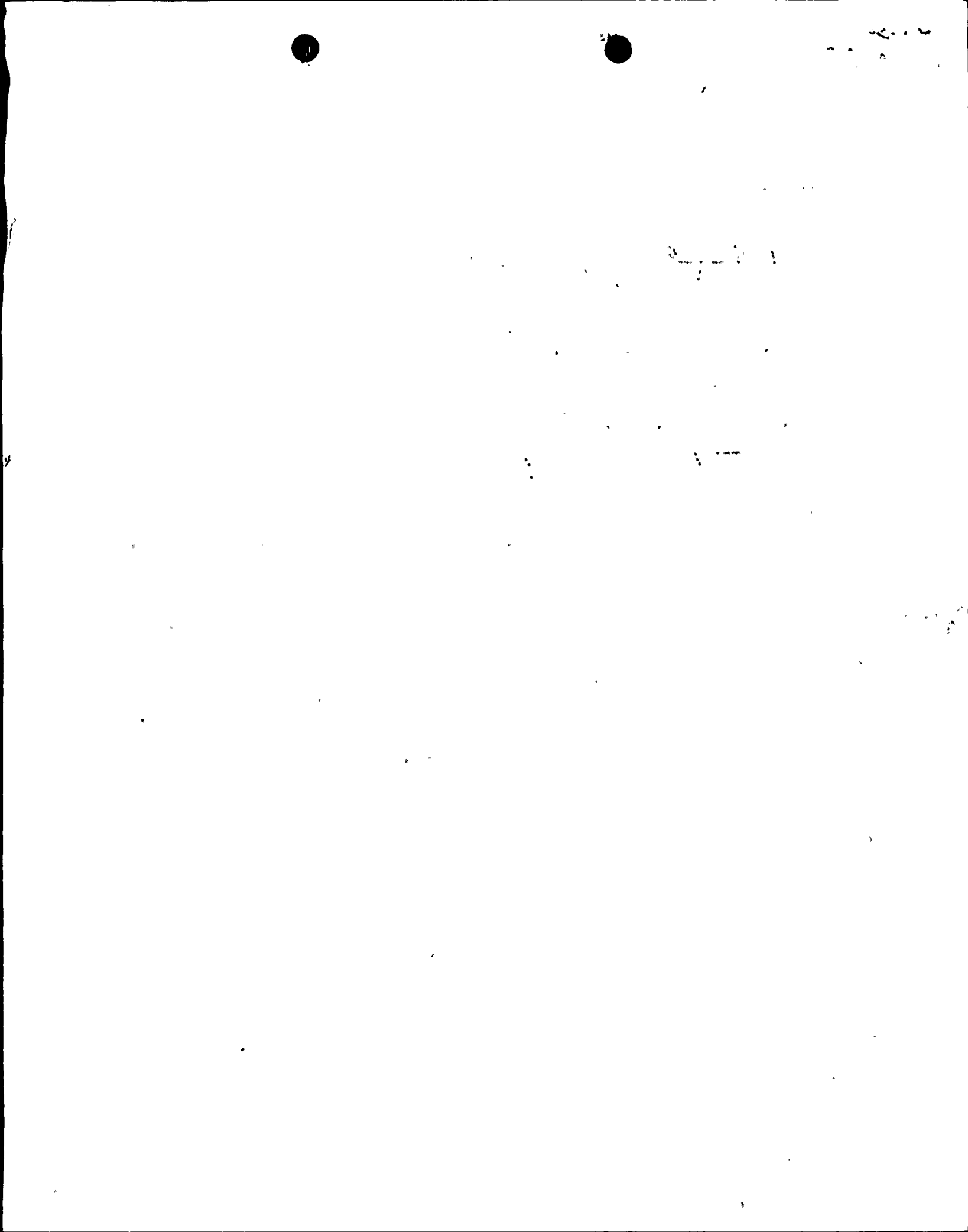
ADDITIONAL FACTORS

18	NA																							80
----	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

19	NA																							80
----	----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

NAME: J.L. RISCHLING

PHONE: (616) 465-5901 (368)



SUPPLEMENT TO REPORTABLE OCCURRENCE RO-050-315/76-47

SUPPLEMENT TO CAUSE DESCRIPTION

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