

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 7807

FILE: _____

FROM: <u>Iowa Electric Light and Power Co. Cedar Rapids, Iowa</u> <u>Charles W. Sandford</u>		DATE OF DOC <u>7-9-75</u>	DATE REC'D <u>7-23-75</u>	LTR <u>xxx</u>	TWX	RPT	OTHER
TO: <u>Mr. Benard C. Rusche</u>		ORIG <u>1-signed</u>	CC	OTHER	SENT NRC PDR <u>xxxxx xxx</u>		
					SENT LOCAL PDR <u>xxx</u>		
CLASS	UNCLASS <u>xxxx</u>	PROP INFO	INPUT	NO CYS REC'D	DOCKET NO: <u>50-331</u>		

DESCRIPTION:

Ltr trans the following:

ACKNOWLEDGED
DO NOT REMOVE

ENCLOSURES:

Data obtained during pre-shutdown test program in June 1975. Included are LPRM time traces at various power levels and the associated Process Computer OD-8's

(40 cys enc'l rec'd)

PLANT NAME:

Duane Arnold

See Rpts

FOR ACTION/INFORMATION

7-24-75 JGB

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
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INTERNAL DISTRIBUTION

REG FILE NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) MIPC	<u>TECH REVIEW</u> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO J. COLLINS LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER <u>ENVIRO</u> MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR Bevan HARLESS	<u>LIC ASST</u> R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. RUSHBROOK (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L) M. DUNCAN (E)	<u>A/T IND</u> BRAITMAN SALTZMAN MELTZ <u>PLANS</u> MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON
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EXTERNAL DISTRIBUTION

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NSIC (BUCHANAN)	1 - CONSULTANTS	1 - G. ULRIKSON ORNL
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1 - Newton Anderson	NEWMARK/BLUME/AGBABIAN	
1 - ACRS 10/1/75 /SENT		

74 to Lic Asst.

Regulatory

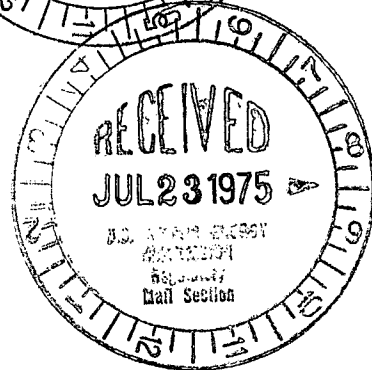
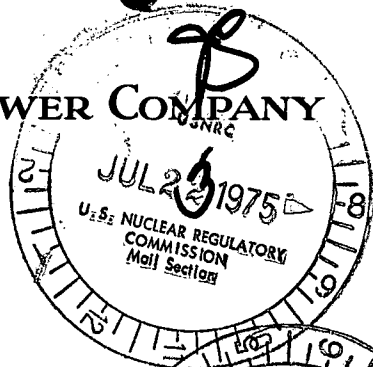
File Cy.

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office
CEDAR RAPIDS, IOWA

July 9, 1975
IE-75-786

CHARLES W. SANDFORD
EXECUTIVE VICE PRESIDENT



50 - 331

Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20545

Dear Mr. Rusche:

The enclosed data was obtained during our pre-shutdown test program in June 1975. Included are LPRM time traces at various power levels and the associated Process Computer OD-8's.

Further information will be forwarded as available.

Very truly yours,

Charles W. Sandford
Charles W. Sandford
Executive Vice President

CWS/KAM/ms

Encls.

cc: D. Arnold w/o Enc.
J. Newman

7807

OD-8. LPRM CONSOLE READINGS 06-03-75 0741 DUANE ARNOLD - 1

41	14	16			
	26	36			
	37	35			
	24	35			
33	21	28	32	29	
	24	42	44	40	
	32	46	57	49	
	37	48	40	40	
25	24	24	13	25	16
	40	41	37	47	27
	26	50	48	51	26
	47	40	51	45	57
17	25	30	29	26	15
	35	39	37	41	23
	35	50	46	43	29
	45	43	49	45	35
09 D	9	24	28	19	
C	23	40	44	33	
B	26	53	42	37	
A	31	43	0	38	
	08	16	24	32	40

50% F

VS-READ
18-11-75

06-03-75

70% Flow

OD-8. LPRM CONSOLE READINGS 06-03-75 0900 DUANE ARNOLD - 1

41	18	20
	32	45
	44	35
	28	42

33	26	34	41	36
	29	52	55	50
	38	56	70	60
	43	57	47	47

25	30	30	13	31	20
	50	51	47	59	33
	26	62	58	64	26
	55	48	61	53	67

17	31	38	37	33	19
	44	50	46	53	29
	43	61	57	53	35
	54	51	58	53	41

09 D	9	30	35	24
C	28	50	55	41
B	32	65	41	45
A	36	51	0	44

08	16	24	32	40
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VSIFED
06/11/75

06-03-75

80% Flaw, Before

OD-8. LPRM CONSOLE READINGS 06-03-75 1800 DUANE ARNOLD - 1

41	18	20
	32	44
	45	52
	35	54

33	27	35	41	35
	30	53	56	51
	39	59	73	62
	47	66	55	52

25	31	31	26	32	21
	52	52	48	61	35
	54	64	60	66	47
	61	60	69	65	72

17	32	40	38	34	20
	45	51	47	55	30
	46	63	60	55	37
	59	61	66	65	43

09 D	19	31	37	24
C	29	51	55	42
B	32	67	76	46
A	40	61	0	51

08	16	24	32	40
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WISREAD

OD-8. LPRM CONSOLE READINGS 06-03-75 2246 DUANE ARNOLD - 1

90% Flaw, Before

41	21	23
	36	50
	50	59
	37	57

33	34	41	48	41
	37	61	64	61
	43	65	80	68
	49	69	58	55

25	38	37	31	39	26
	62	61	56	72	41
	60	71	66	73	51
	65	63	73	68	75

17	39	47	43	41	25
	54	60	53	65	36
	52	69	65	61	41
	62	63	69	67	46

09 D	23	36	39	29
C	34	58	62	49
B	35	73	83	50
A	41	63	0	54

08	16	24	32	40
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OD-8. LPM CONSOLE READINGS 06-05-75 0946 DUANE ARNOLD - 1

41	25	27
	43	54
	56	64
	33	51

SADDLE

33	35	50	53	47
	43	73	75	68
	48	78	81	73
	35	39	42	31

90% F

Before

25	40	56	49	44	28
	67	65	63	73	45
	73	74	68	85	56
	64	53	62	58	67

17	40	53	51	48	25
	55	68	68	69	40
	60	72	68	70	49
	53	49	57	53	45

09 D	24	41	41	33
C	38	64	68	56
B	43	75	83	63
A	27	40	0	32

08	16	24	32	40
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06-05-75

OD-8. LPR1 CONSOLE READINGS 06-05-75 1148 DUANE ARNOLD - 1

41	25	27
	44	55
	56	65
	33	51

*Saddle**After Arr. 64*

33	35	50	53	47
	43	73	75	68
	48	78	81	73
	35	39	42	31

25	40	56	49	44	28
	68	65	63	73	45
	73	74	68	85	56
	64	53	62	58	67

17	40	53	51	48	25
	55	68	68	69	40
	60	72	68	71	49
	54	49	57	53	46

09 D	24	41	41	33
C	37	65	67	55
B	43	76	83	62
A	27	42	0	32

08	16	24	32	40
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6/ 5/75 1230 P1 IN PROGRESS. WT CODE = 2.

00-8. LPRM CONSOLE READINGS 06-04-75 1319 DUANE ARNOLD - 1

41	24	26
	41	54
	55	65
	32	57

100% Flow

33	35	47	53	45
	41	72	76	67
	47	74	84	72
	48	70	60	56

25	40	44	30	42	27
	68	67	65	77	44
	77	78	71	91	50
	70	63	73	68	75

17	40	53	49	46	25
	57	71	67	71	39
	64	75	70	72	49
	61	63	69	67	49

09 D	24	41	41	32
C	37	64	68	54
B	40	77	86	56
A	40	65	0	58

08	16	24	32	40
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00-8. LPR1 CONSOLE READINGS 06-14-75 1600 DIWIE ARNOLD - 1

41	24	26
	41	54
	55	65
	38	56

100% Flow
Arr. 65

33	34	47	53	45
	41	71	75	66
	47	73	83	72
	47	68	59	55

25	39	44	38	42	27
	68	67	64	76	44
	76	77	70	90	58
	69	62	72	67	73

17	40	52	49	46	25
	56	70	66	71	39
	62	74	69	71	48
	60	62	68	66	49

00 D	24	41	41	31
C	36	63	67	53
B	40	76	84	56
A	39	63	0	58

08	16	24	32	40
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