

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-305

REC: KEPFLER J G
NRC

ORG: JAMES E W
WI PUB SVC

DOCDATE: 02/10/78
DATE RCVD: 02/14/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 1

LICENSEE EVENT REPT. NO. 50-305/78-003/03L-0 CONCERNING ONE OF FOUR
SERVICE WATER PUMPS FAILING TO START.

PLANT NAME: KEWAUNEE

REVIEWER INITIAL: XRL
DISTRIBUTOR INITIAL:

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

NOTES:

1. SEND 4 COPIES OF ALL MATERIAL TO I&E
2. LAWRENCE(OELD) - 1 COPY ALL MATERIAL

INCIDENT REPORTS
(DISTRIBUTION CODE A002)

FOR ACTION: BRANCH CHIEF SCHWENCER**W/4 ENC

INTERNAL:

REG FILE**W/ENCL

I & E**W/2 ENCL

SCHROEDER/IPPOLITO**W/ENCL

NOVAK/CHECK**W/ENCL

KNIGHT**W/ENCL

HANAUER**W/ENCL

EISENHUT**W/ENCL

SHAO**W/ENCL

KREGER/J. COLLINS**W/ENCL

L. CROCKER**W/ENCL

NRC PDR**W/ENCL

MIPC**W/3 ENCL

HOUSTON**W/ENCL

GRIMES**W/ENCL

BUTLER**W/ENCL

TEDESCO**W/ENCL

BAER**W/ENCL

VOLLMER/BUNCH**W/ENCL

ROSA**W/ENCL

K SEYFRIT/IE**W/ENCL

EXTERNAL:

LPDR'S

KEWAUNEE, WI**W/ENCL

TIC**W/ENCL

NSIC**W/ENCL

ACRS CAT B**W/16 ENCL

COPIES NOT SUBMITTED PER
REGULATORY GUIDE 10.1

DISTRIBUTION: LTR 46 ENCL 46
SIZE: 1P+1P

CONTROL NBR: 780460250

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

WISCONSIN PUBLIC SERVICE CORPORATION

Public Service

P.O. Box 1200, Green Bay, Wisconsin 54305

February 10, 1978

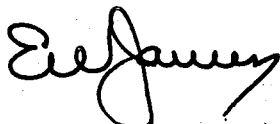
Mr. J. G. Keppler, Regional Director
Office of Inspection & Enforcement
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Dear Mr. Keppler:

Docket 50-305
Operating License DPR-43
Reportable Occurrence LER 78-003/03L-0

In accordance with the requirements of Technical Specifications, Section 6.9, the attached Licensee Event Report for reportable occurrence LER 78-003/03L-0 is being submitted.

Very truly yours,



E. W. James
Senior Vice President
Power Supply & Engineering

sa

Attach.

cc - Dir, Office of Inspection & Enforcement
US NRC, Washington, D. C. 20555
Dir, Office of Mgt Info & Program Control
US NRC, Washington, D. C. 20555



78-003
RID 509
DAES 09
504632

A002/S
1/1

780460250

LICENSEE EVENT REPORT

CONTROL BLOCK:

						(1)
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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	7	8	9	W	I	K	N	P	1	14	2	0	0	-	0	0	0	0	0	0	-	0	0	25	3	4	1	1	1	1	1	30	4			57	CAT	58	5			
				LICENSEE CODE										LICENSE NUMBER										LICENSE TYPE																			

CON'T

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | During full power operation, one of four service water (SW) pumps failed to start.

03 | This placed the facility under LCO TS 3.3.d.2.A. The SW pump was returned to service

04 in two hours. Since only two SW pumps are required to operate during accident con-

25 | ditions and three pumps were operating, there was no effect on plant operation or

06 | public safety.

0 7 |

0	0	
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7	8	9	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
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(17) LER/RO REPORT NUMBER 7 8 —

SEQUENTIAL REPORT NO. 0 0 3 /

OCCURRENCE CODE 0 3

REPORT TYPE L

REVISION NO. — 0

ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS				ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER				
C	18	Z	19	Z	20	Z	21	0	0	0	0	N	23	Y	24	A	25	M	1	7	5	
22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | The SW pump failed to start due to a failed XY relay in its circuit breaker.

11 | The circuit breaker was replaced with a spare breaker and the SW pump was returned

4 2 to service. The XY relay was replaced in the defective circuit breaker.

1	2	
---	---	--

1	4	
---	---	--

7	8	9	30	32
FACILITY	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION

STATUS % POWER OTHER STATUS DISCOVER DISCOVER DESCRIPTION

1 5 E (28) 1 0 0 (29) NA A (31) Pump Start Failure Observed

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
ACTIVITY		CONTENT		RELEASED		OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE																			
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
7	8	9	10																										

PERSONNEL EXPOSURES

NUMBER		TYPE		DESCRIPTION
1	7	0	0	0
		(37)	Z	(38) NA

7	8	9	11	12	13
			PERSONNEL INJURIES		
NUMBER			DESCRIPTION (41)		

1	8	0	0	0	40	NA
7	8	9	11	12		

LOSS OF OR DAMAGE TO FACILITY (13)

TYPE		DESCRIPTION
1	9	Z (42) NA

7 8 9 10
 PUBLICITY
 ISSUED DESCRIPTION (45) NRC USE ONLY

7 8 9 10 68 69 8

NAME OF PREPARER G. H. Ruiter

PHONE: (414) 433-1329

D. Lanham

WISCONSIN PUBLIC SERVICE CORPORATION



P.O. Box 1200, Green Bay, Wisconsin 54305

file copy

February 10, 1978

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

Dear Mr. Keppler:

Docket 50-305
Operating License DPR-43
Reportable Occurrence LER 78-003/03L-0

In accordance with the requirements of Technical Specifications, Section 6.9, the attached Licensee Event Report for reportable occurrence LER 78-003/03L-0 is being submitted.

Very truly yours,

A handwritten signature in black ink, appearing to read "E. W. James".

E. W. James
Senior Vice President
Power Supply & Engineering

sa

Attach.

cc - Dir, Office of Inspection & Enforcement
US NRC, Washington, D. C. 20555
Dir, Office of Mgt Info & Program Control
US NRC, Washington, D. C. 20555

FEB 13 1978

40 4
60

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6 ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

⑦ ⑧ ⑨ W I K N P 1 ② 0 0 - 0 0 0 0 0 - 0 0 ③ 4 1 1 1 1 ④ ⑤
 7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T
 ⑦ ⑧ ⑨ REPORT SOURCE L ⑥ 0 5 0 0 0 3 0 5 ⑦ 0 1 1 2 7 8 ⑧ 0 2 1 0 7 8 ⑨
 7 8 9 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

⑦ ⑧ ⑨ During full power operation, one of four service water (SW) pumps failed to start.
 ⑦ ⑧ ⑨ This placed the facility under LCO TS 3.3.d.2.A. The SW pump was returned to service
 ⑦ ⑧ ⑨ in two hours. Since only two SW pumps are required to operate during accident con-
 ⑦ ⑧ ⑨ ditions and three pumps were operating, there was no effect on plant operation or
 ⑦ ⑧ ⑨ public safety.
 ⑦ ⑧ ⑨
 ⑦ ⑧ ⑨

⑦ ⑧ ⑨ SYSTEM CODE W A ⑪ CAUSE CODE E ⑫ CAUSE SUBCODE A ⑬ COMPONENT CODE C K T B R K ⑭ COMP. SUBCODE A ⑮ VALVE SUBCODE Z ⑯
 7 8 9 9 10 11 12 13 18 19 20
 ⑦ ⑧ ⑨ LER/RO REPORT NUMBER ⑰ EVENT YEAR 7 8 ⑱ SEQUENTIAL REPORT NO. 0 0 3 ⑲ OCCURRENCE CODE 0 3 ⑳ REPORT TYPE L ㉑ REVISION NO. 0 ㉒
 7 8 9 21 22 23 24 26 27 28 29 30 31 32
 ACTION TAKEN C ⑲ FUTURE ACTION Z ⑳ EFFECT ON PLANT Z ㉑ SHUTDOWN METHOD Z ㉒ HOURS 0 0 0 ㉓ ATTACHMENT SUBMITTED N ㉔ NPRD-4 FORM SUB. Y ㉕ PRIME COMP. SUPPLIER A ㉖ COMPONENT MANUFACTURER M 1 7 5 ㉗
 33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳

⑦ ⑧ ⑨ The SW pump failed to start due to a failed XY relay in its circuit breaker.
 ⑦ ⑧ ⑨ The circuit breaker was replaced with a spare breaker and the SW pump was returned
 ⑦ ⑧ ⑨ to service. The XY relay was replaced in the defective circuit breaker.
 ⑦ ⑧ ⑨
 ⑦ ⑧ ⑨

⑦ ⑧ ⑨ FACILITY STATUS E ㉘ % POWER 1 0 0 ㉙ OTHER STATUS NA ㉚ METHOD OF DISCOVERY A ㉛ DISCOVERY DESCRIPTION Pump Start Failure Observed ㉜
 7 8 9 10 12 13 44 45 46 80
 ⑦ ⑧ ⑨ ACTIVITY CONTENT Z ㉝ RELEASED OF RELEASE Z ㉞ AMOUNT OF ACTIVITY NA ㉟ LOCATION OF RELEASE NA ㊱
 7 8 9 10 11 44 45 80
 ⑦ ⑧ ⑨ PERSONNEL EXPOSURES NUMBER 0 0 0 ㊲ TYPE Z ㊳ DESCRIPTION NA ㊴
 7 8 9 11 12 13 80
 ⑦ ⑧ ⑨ PERSONNEL INJURIES NUMBER 0 0 0 ㊵ DESCRIPTION NA ㊶
 7 8 9 11 12 80
 ⑦ ⑧ ⑨ LOSS OF OR DAMAGE TO FACILITY TYPE Z ㊷ DESCRIPTION NA ㊸
 7 8 9 10 80
 ⑦ ⑧ ⑨ PUBLICITY ISSUED N ㊹ DESCRIPTION NA ㊺
 7 8 9 10 80

NRC USE ONLY

NAME OF PREPARER G. H. Ruiter

PHONE: (414) 433-1329

WISCONSIN PUBLIC SERVICE CORPORATION



P.O. Box 1200, Green Bay, Wisconsin 54305

February 10, 1978

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cc - Dir, Office of Inspection & Enforcement ✓
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Dir, Office of Mgt Info & Program Control
US NRC, Washington, D. C. 20555

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6 ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

① ② ③ ④ ⑤
 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
 W I K N P 1 0 0 - 0 0 0 0 0 - 0 0 4 1 1 1 1 0 2 1 0 7 8

CON'T
 ① ②
 7 8

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

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

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 ③ This placed the facility under LCO TS 3.3.d.2.A. The SW pump was returned to service
 ④ in two hours. Since only two SW pumps are required to operate during accident con-
 ⑤ ditions and three pumps were operating, there was no effect on plant operation or
 ⑥ public safety.
 ⑦
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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 ㏀ ㏁ ㏂ ㏃ ㏄ ㏅ ㏆ ㏇ ㏈ ㏉ ㏊ ㏋ ㏌ ㏍ ㏎ ㏏ ㏐ ㏑ ㏒ ㏓ ㏔ ㏕ ㏖ ㏗ ㏘ ㏙ ㏚ ㏛ ㏜ ㏝ ㏞ ㏟ ㏠ ㏡ ㏢ ㏣ ㏤ ㏥ ㏦ ㏧ ㏨ ㏩ ㏪ ㏫ ㏬ ㏭ ㏮ ㏯ ㏰ ㏱ ㏲ ㏳ ㏴ ㏵ ㏶ ㏷ ㏸ ㏹ ㏺ ㏻ ㏼ ㏽ ㏾ ㏿ 㐀 㐁 㐂 㐃 㐄 㐅 㐆 㐇 㐈 㐉 㐊 㐋 㐌 㐍 㐎 㐏 㐐 㐑 㐒 㐓 㐔 㐕 㐖 㐗 㐘 㐙 㐚 㐛 㐜 㐝 㐞 㐟 㐠 㐡 㐢 㐣 㐤 㐥 㐦 㐧 㐨 㐩 㐪 㐫 㐬 㐭 㐮 㐯 㐰 㐱 㐲 㐳 㐴 㐵 㐶 㐷 㐸 㐹 㐺 㐻 㐼 㐽 㐾 㐿 㑀 㑁 㑂 㑃 㑄 㑅 㑆 㑇 㑈 㑉 㑊 㑋 㑌 㑍 㑎 㑏 㑐 㑑 㑒 㑓 㑔 㑕 㑖 㑗 㑘 㑙 㑚 㑛 㑜 㑝 㑞 㑟 㑠 㑡 㑢 㑣 㑤 㑥 㑦 㑧 㑨 㑩 㑪 㑫 㑬 㑭 㑮 㑯 㑰 㑱 㑲 㑳 㑴 㑵 㑶 㑷 㑸 㑹 㑺 㑻 㑼 㑽 㑾 㑿 㒀 㒁 㒂 㒃 㒄 㒅 㒆 㒇 㒈 㒉 㒊 㒋 㒌 㒍 㒎 㒏 㒐 㒑 㒒 㒓 㒔 㒕 㒖 㒗 㒘 㒙 㒚 㒛 㒜 㒝 㒞 㒟 㒠 㒡 㒢 㒣 㒤 㒥 㒦 㒧 㒨 㒩 㒪 㒫 㒬 㒭 㒮 㒯 㒰 㒱 㒲 㒳 㒴 㒵 㒶 㒷 㒸 㒹 㒺 㒻 㒼 㒽 㒾 㒿 㓀 㓁 㓂 㓃 㓄 㓅 㓆 㓇 㓈 㓉 㓊 㓋 㓌 㓍 㓎 㓏 㓐 㓑 㓒 㓓 㓔 㓕 㓖 㓗 㓘 㓙 㓚 㓛 㓜 㓝 㓞 㓟 㓠 㓡 㓢 㓣 㓤 㓥 㓦 㓧 㓨 㓩 㓪 㓫 㓬 㓭 㓮 㓯 㓰 㓱 㓲 㓳 㓴 㓵 㓶 㓷 㓸 㓹 㓺 㓻 㓼 㓽 㓾 㓿 㔀 㔁 㔂 㔃 㔄 㔅 㔆 㔇 㔈 㔉 㔊 㔋 㔌 㔍 㔎 㔏 㔐 㔑 㔒 㔓 㔔 㔕 㔖 㔗 㔘 㔙 㔚 㔛 㔜 㔝 㔞 㔟 㔠 㔡 㔢 㔣 㔤 㔥 㔦 㔧 㔨 㔩 㔪 㔫 㔬 㔭 㔮 㔯 㔰 㔱 㔲 㔳 㔴 㔵 㔶 㔷 㔸 㔹 㔺 㔻 㔼 㔽 㔾 㔿 㕀 㕁 㕂 㕃 㕄 㕅 㕆 㕇 㕈 㕉 㕊 㕋 㕌 㕍 㕎 㕏 㕐 㕑 㕒 㕓 㕔 㕕 㕖 㕗 㕘 㕙 㕚 㕛 㕜 㕝 㕞 㕟 㕠 㕡 㕢 㕣 㕤 㕥 㕦 㕧 㕨 㕩 㕪 㕫 㕬 㕭 㕮 㕯 㕰 㕱 㕲 㕳 㕴 㕵 㕶 㕷 㕸 㕹 㕺 㕻 㕼 㕽 㕾 㕿 㖀 㖁 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