NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 5725
FILE: INCIDENT REPORT FILE

FROM: Wisconsin Public Service Green Bay, Wisconsin 54305 E. W. James	DATE OF DOC 5-23-75	DATE REC'D 5-27-75	LTR XX	TWX	RPT	OTHER
TO: Mr. B. Rusche	ORIG 1 signed	CC 1	OTHER	SENT AEC PDR XXXX SENT LOCAL PDR XXXX		
CLASS UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-305		

DESCRIPTION:
Ltr trans the following:

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: KEWAUNEE

ENCLOSURES:
Abnormal Occurrence Report No. AO 75-10 on 5-16-75 , Valve SI-2B tripped on overcurrent upon closing following completion of operational verification test...

FOR ACTION/INFORMATION wtm 5-30-75

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/ Copies
PARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPELS W/ Copies
KNIEL (L) W/ Copies	PURPLE (L) W/3 Copies	YOUNGBLOOD (E) W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

REG FILE	TECH REVIEW	DENTON	LIC ASST	A/T IND
NRC PDR	SCHROEDER	**GRIMES	R. DIGGS (L)	BRAITMAN
OGC, ROOM P-506A	MACCARY	GAMMILL	H. GEARIN (L)	SALTZMAN
GOSSICK/STAFF	KNIGHT	KASTNER	E. GOULBOURNE (L)	MELTZ
CASE	PAWLICKI	BALLARD	P. KREUTZER (E)	
GIAMBUSSO	SHAO	SPANGLER	J. LEE (L)	PLANS
BOYD	**STELLO		M. MAIGRET (L)	MCDONALD
MOORE (L)	**HOUSTON	ENVIRO	S. REED (E)	CHAPMAN
DEYOUNG (L)	**NOVAK	MULLER	M. SERVICE (L)	DUBE (Ltr)
SKOVHOLT (L)	ROSS	DICKER	S. SHEPPARD (L)	E. COUPE
GOLLER (L) (Ltr)	IPPOLITO	KNIGHTON	M. SLATER (E)	PETERSON
P. COLLINS	TEDESCO	YOUNGBLOOD	H. SMITH (L)	HARTFIELD (2)
DENISE	LONG	REGAN	S. TEETS (L)	KLECKER
REG OPR	LAINAS	PROJECT LDR	G. WILLIAMS (E)	EISENHUT
FILE & REGION (2)	BENAROYA		V. WILSON (L)	WIGGINTON
MIPC/PE (3)	VOLLMER	HARLESS	R. INGRAM (L)	F. WILLIAMS
STEELE				HANAUER

EXTERNAL DISTRIBUTION

AO (4)

- 1 – LOCAL PDR KEWAUNEE, WI.
- 1 – TIC (ABERNATHY) (1)(2)(10)
- 1 – NSIC (BUCHANAN)
- 1 – ASLB
- 1 – Newton Anderson
- – ACRS SENT TO LIC ASST
- ** SEND ONLY TEN DAY REPORTS

– NATIONAL LABS
- 1 – W. PENNINGTON, Rm E-201 GT
- 1 – CONSULTANTS NEWMARK/BLUME/AGBABIAN

- 1 – PDR-SAN/LA/NY
- 1 – BROOKHAVEN NAT LAB
- 1 – G. ULRIKSON, ORNL
- 1 – AGMED (RUTH GUSSMAN) Rm B-127 GT
- 1 – J. D. RUNKLES, Rm E-201 GT

Regulatory File Cy.

WISCONSIN PUBLIC SERVICE CORPORATION

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

May 23, 1975

Mr. Benard Rusche, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Rusche:

Subject: Docket 50-305
Operating License DPR-43
Abnormal Occurrence Report AO 75-10

In accordance with the requirements of Technical Specifications, paragraph 6.6.2, the attached Licensee Event Report form is submitted.

As stated in the Licensee Event Report form, this occurrence is similar to the events previously reported by Abnormal Occurrence Reports AO 74-20, AO 75-6 and AO 75-8. The monitoring equipment installed to assist in diagnosis of these failures provided sufficient information to verify that the current overload breakers tripped upon valve closure and torquing until a motor locked rotor condition was attained. During this valve's torquing, the torque switch position was observed by personnel. Proper worm shaft movement and torque switch shaft rotation was not immediately noted prior to the over-current trip. The torque switch was thereby inoperative and the cause appears to be mechanical.

The valve operator manufacturer has been contacted and is scheduled to be on site for resolution of this problem on May 27, 1975. Additional information as to the resolution will be transmitted when available.

It should be noted that these valve operator failures have been <u>after</u> the valve has completed its required accident related operation.

Very truly yours,

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

EWJ:sna
Enc.
cc - Mr. J. G. Keppler
Mr. Dwane Boyd

5725

LICENSEE EVENT REPORT

CONTROL BLOCK: (1–6)

(PLEASE PRINT ALL REQUIRED INFORMATION)

01	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
7 8	W I K N P I (9–14)	0 0 – 0 0 0 0 0 – 0 0 (15–25)	4 1 1 1 1 (26–30)	0 1 (31–32)

01	CON'T	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
7 8		P 0 (57–58)	L (59)	L (60)	0 5 0 – 0 3 0 5 (81–68)	0 5 1 6 7 5 (69–74)	0 5 2 3 7 5 (75–80)

EVENT DESCRIPTION

02 Valve SI-2B tripped on overcurrent upon closing following completion of operational
03 verification test. The valve prior to tripping had completed all safety related
04 operations as would be required by the safety injection actuation sequence. The
05 redundant valve operated properly. The failure is similar to AO 75-6, AO 75-8,
06 and AO 74-20. This event is AO 75-10.

07	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
7 8 9	S F (10)	E (11)	V A L V O P (12–17)	N (43)	L 2 0 0 (44–47)	N (48)

CAUSE DESCRIPTION

08 Monitoring equipment installed prior to the test verified that the cause was not
09 electrical. The Belleville spring assemble is suspected as the cause since the
10 worm shaft has limited movement during valve torquing.

11	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
7 8	E (9)	0 9 0 (10–12)	NA (13–44)	C (45)	Special Test (46–80)

12	FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
7 6	Z (9)	Z (10)	NA (11–44)	NA (45–80)

PERSONNEL EXPOSURES

13	NUMBER	TYPE	DESCRIPTION
7 8 9	0 0 0 (11)	Z (12)	NA (13–80)

PERSONNEL INJURIES

14	NUMBER	DESCRIPTION
7 8 9	0 0 0 (11)	NA (12–80)

OFFSITE CONSEQUENCES

15 No danger to public health and safety

LOSS OR DAMAGE TO FACILITY

16	TYPE	DESCRIPTION
7 8 9	Z (10)	NA (10–80)

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 Addition report will be transmitted upon cause verification

19

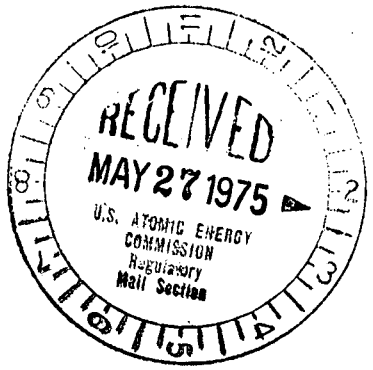
NAME: M. E. Stern PHONE: 414/432-3311

GPO 881-667

TELEGRAM

5/23/75
5725

May 17, 1975



Mr. Duane Boyd
Resident Inspector - US Nuclear Regulatory Commission
Directorate of Regulatory Operations - Region III
Two Rivers Municipal Hospital
Two Rivers, Wisconsin 54241

SUBJECT: Docket 50-305
OPERATING LICENSE: DPR-43
ABNORMAL OCCURRENCE REPORT

In accordance with the requirements of Technical Specifications, Paragraph 6.6.2.a and 1.0.a.1.(d), we submit the following:

Report Number: 50-305/75-10

Occurrence Date: May 16, 1975

Facility: Kewaunee Nuclear Plant
Kewaunee, Wisconsin 54216

Identification of Occurrence:

TRIPPING OF THERMAL OVERLOAD FOR SI-2B
AFTER CLOSURE OF VALVE

Condition Prior to Occurrence:

Reactor Critical - 90% Power
Normal Operating Temperature - 556 F Tavg
Normal Operating Pressure - 2235 psig

Description of Occurrence:

Surveillance Procedure 098 was being performed on the Safety Injection System. Valve SI-2B upon receiving signal went fully open and closed at conclusion of test. When valve closed, the motor was not de-energized and remained in a locked rotor condition until the thermal overloads tripped. Cam assembly was adjusted and valve is in operable condition.

C. R. Luoma

[redacted]