

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8002210519 DOC.DATE: 80/02/15 NOTARIZED: NO DOCKET #  
 FACIL:50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Service 05000305  
 AUTH.NAME AUTHOR AFFILIATION  
 RUITER,G.H. Wisconsin Public Service Corp.  
 RECIP.NAME RECIPIENT AFFILIATION  
 Region 3, Chicago, Office of the Director

SUBJECT: Ler 80-002/03L-0: on 800117, during full power operation, fault occurred in reserve auxiliary transformer. Caused by internal bushing failure. Transformer was repaired & returned to svc.

DISTRIBUTION CODE: A002S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1+4  
 TITLE: Incident Reports

NOTES: -----

ACTION:	RECIPIENT	COPIES		RECIPIENT	COPIES	
	ID CODE/NAME	LTR	ENCL	ID CODE/NAME	LTR	ENCL
	05 BC	4	4			
INTERNAL:	01 REG FILE	1	1	02 NRC PDR	1	1
	09 I&E	2	2	11 MPA	3	3
	14 TA/EDO	1	1	15 NOVAK/KNIEL	1	1
	16 EEB	1	1	17 AD FOR ENGR	1	1
	18 PLANT SYS BR	1	1	19 I&C SYS BR	1	1
	20 AD PLANT SYS	1	1	22 REAC SAFT BR	1	1
	23 ENGR BR	1	1	24 KREGER	1	1
	25 PWR SYS BR	1	1	26 AD/SITE ANAL	1	1
	27 OPERA LIC BR	1	1	28 ACIDENT ANLYS	1	1
	29 AUX SYS BR	1	1	AD/ORP-DOR	1	1
	AEOD	1	1	DOUG MAY-TERA	1	1
	E JORDAN/IE	1	1	HANAUER,S.	1	1
	R IRELAND	3	3			
EXTERNAL:	03 LPDR	1	1	04 NSIC	1	1
	29 ACRS	16	16			

TOTAL NUMBER OF COPIES REQUIRED: LTR 52 ENCL 52

# LICENSEE EVENT REPORT

CONTROL BLOCK: \_\_\_\_\_ (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | W I K N P 1 | 0 0 - 0 0 0 0 0 0 - 0 0 | 4 1 1 1 1 | \_\_\_\_\_ | \_\_\_\_\_  
7 8 9 14 15 25 26 30 57 CAT 58 (5)

CON'T  
01 | REPORT SOURCE | L | 0 5 0 0 0 3 0 5 | 0 1 1 7 8 0 | 0 2 1 5 8 0 |  
7 8 60 61 68 69 74 75 80 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)  
02 | During steady fullpower operation a fault occurred in the reserve auxiliary trans-  
03 | former (RAT). The RAT was isolated by the automatic protection circuit. This  
04 | placed the facility under LCO TS 3.7.b.1. The blackout sequence functioned as de-  
05 | signed; emergency bus 1-5 remained on the tertiary auxiliary transformer and emer-  
06 | gency bus 1-6 was supplied from the D/G. Thr reactor tripped on undervoltage to the  
07 | RCP's and natural circulation was established. All engineered safeguards systems  
08 | operated as designed. No threat to public safety occurred. \_\_\_\_\_  
7 8 9 80

09 | SYSTEM CODE | CAUSE CODE | CAUSE SUBCODE | COMPONENT CODE | COMP. SUBCODE | VALVE SUBCODE |  
7 8 9 10 11 12 13 18 19 20  
E B (11) | E (12) | | T R A N S F (14) | Z (15) | Z (16)  
17 | LER/RO REPORT NUMBER | EVENT YEAR | SEQUENTIAL REPORT NO. | OCCURRENCE CODE | REPORT TYPE | REVISION NO. |  
7 8 21 22 23 24 26 27 28 29 30 31 32  
(17) | 8 0 | | 0 0 2 | / | 0 3 | L | | 0 |  
ACTION TAKEN | FUTURE ACTION | EFFECT ON PLANT | SHUTDOWN METHOD | HOURS (22) | ATTACHMENT SUBMITTED | NPRD-4 FORM SUB. | PRIME COMP. SUPPLIER | COMPONENT MANUFACTURER |  
33 34 35 36 37 40 41 42 43 44 47  
D (18) | X (19) | A (20) | C (21) | 0 2 6 5 | N (23) | Y (24) | A (25) | M 1 7 5 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)  
10 | The RAT fault was caused by an internal bushing failure. The cause of the bushing  
11 | failure could not be determined. The RCS was cooled below 350 degrees in 11 hours  
12 | using natural circulation. The RAT was repaired and the plant was returned to  
13 | operation. A replacement transformer is being obtained for use as a spare.  
14 | \_\_\_\_\_  
7 8 9 80

15 | FACILITY STATUS | % POWER | OTHER STATUS (30) | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION (32)  
7 8 9 10 12 13 44 45 46 80  
E (28) | 1 0 0 (29) | NA | A (31) | Operator Observation

16 | ACTIVITY CONTENT | AMOUNT OF ACTIVITY (35) | LOCATION OF RELEASE (36)  
7 8 9 10 11 44 45 80  
RELEASED OF RELEASE | Z (33) | Z (34) | NA | NA

17 | PERSONNEL EXPOSURES | DESCRIPTION (39)  
7 8 9 11 12 13 80  
NUMBER | TYPE | DESCRIPTION (39)  
0 0 0 (37) | Z (38) | NA

18 | PERSONNEL INJURIES | DESCRIPTION (41)  
7 8 9 11 12 80  
NUMBER | DESCRIPTION (41)  
0 0 0 (40) | NA

19 | LOSS OF OR DAMAGE TO FACILITY | DESCRIPTION (43)  
7 8 9 11 12 80  
TYPE | DESCRIPTION (43)  
Z (42) | NA

20 | PUBLICITY | DESCRIPTION (45)  
7 8 9 10 80  
ISSUED | DESCRIPTION (45)  
Y (44) | News Release - Summary of event

NAME OF PREPARER G. H. Ruiter

PHONE: (414) 433-1329

**8002210519**