NRC FORM 195 (2-76)

U.S. NUCLEAR REGULATORY COMMISSION

DOCKET NUMBER 50-305

FILE NUMBER INCIDENT REPORT

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO: Mr J G Keppler	FROM: Wisconsin Public Service Corp Green Bay, Wis E W James	DATE OF DOCUMENT 3-2-77 DATE RECEIVED 3-7-77

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DESCRIPTION

Ltr trans the following:

1p

PLANT NAME: Kewaunee

ENCLOSURE

Licensee Event Report (RO# 77-3) on 2-15-77 concerning high water level reactor trip settings on pressurizer level transmitters which were out of tech specs.....

2p

ACKNOWLEDGED
DO NOT REMOVE

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

FOR ACTION/INFORMATION 3-11-77 ehf

BRANCH CHIEF:	Schwencer
W/3 CYS FOR ACTION	
LIC. ASST.:	Sheppard
W/ 1 CYS	
ACRS 16 CYS ~~HOLDING~~/SENT	As CAT B

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LPDR: Kewaunee, Wis	
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CONTROL NUMBER 2794

WISCONSIN PUBLIC SERVICE CORPORATION

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

March 2, 1977

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:

Subject: Docket 50-305
Operating License DPR-43
Reportable Occurrence RO 77-3

In accordance with the requirements of Technical Specifications, Section 6.9, the attached Licensee Event Report for reportable occurrence RO 77-3 is baing submitted.

Very truly yours,

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

EWJ:sna
Enc.
cc - Dir, Office of Inspaction & Enforcement
US NRC, Washington, D. C. 20555
Dir, Office of Management Info & Program Control
US NRC, Washington, D. C. 20555

2794

LICENSEE EVENT REPORT

CONTROL BLOCK: [1] (1–6)

(PLEASE PRINT ALL REQUIRED INFORMATION)

	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01	WIKNP 1	00-00000-00	4111	99
(7–8)	(9–14)	(15–25)	(26–30)	(31–32)

	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01 CON'T	P0	T	L	050-0305	021577	030277
(7–8)	(57–58)	(59)	(60)	(61–68)	(69–74)	(75–80)

EVENT DESCRIPTION

02 Three of three pressurizer level transmitters were found to have high water level re-
03 actor trip settings less conservative than allowed by Technical Specifications. A re-
04 actor trip would have occurred, but not by the required high level setpoint. The
05 three channel settings were found 1%, 2% and 4% high. This incident is similar to
06 RO 76-19 and similarly the actual trip values did not exceed the pressurizer level
07 used in the accident analysis pre- sented in the FSAR. (RO 77-3)

	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07	IA	E	INSTRU	N	B080	Y
(7–8)	(10)	(11)	(12–17)	(43)	(44–47)	(48)

CAUSE DESCRIPTION

08 One transmitter had a defective bellows and the transmitter was replaced and re-
09 calibrated. The other two channels had drifted and caused the out of specification
10 readings. They were recalibrated. As a result of RO 76-19, the manufacturer (Cont.
on attached sheet)

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	H	000	NA	B	NA
(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	000	Z	NA
(7–8)	(9–11)	(12)	(13–80)

PERSONNEL INJURIES

	NUMBER	DESCRIPTION
14	000	NA
(7–8)	(9–11)	(12–80)

OFFSITE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

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

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 The high level reactor trip settings are being investigated and will be set more
19 conservative to allow for the observed drift of these instruments.

NAME: Mark L. Marchi PHONE: 414/432-3311

GPO 881-667

Cause Description (Cont.)

was contacted and asked to provide a solution to the drift problem encountered with this type of level transmitter. The manufacturer has sent us a new type of strain gage to insert in this model transmitter, which they expect to alleviate the problem. We have replaced the strain gage in several transmitters of this type and we will do so for all of these transmitters if it proves to be the solution.