

CONTROL NO: _____

FILE: _____

FROM:
Wisconsin Public Service Corp.
Kewaunee, Wis.

DATE OF DOC
6-18-74

DATE REC'D
6-18-74

LTR

TWX
X

RPT

OTHER

TO:
J.G. Keppler

ORIG
1

CC

OTHER

SENT AEC PDR XXX
SENT LOCAL PDR XXX

CLASS UNCLASS PROP INFO
XXX

INPUT

NO CYS REC'D
1

DOCKET NO:
50-305

DESCRIPTION:

Twx reporting an abnormal occurrence at the
Kewaunee facility concerning Failure to log
Quadrant Tilt Monitor per Tech specs....

ENCLOSURES:

DO NOT REMOVE

PLANT NAME: Kewaunee

FOR ACTION/INFORMATION

6-25-74

JB

BUTLER (L)
W/ CYS
CLARK (L)
W/ CYS
DARR (L)
W/ CYS
✓ KNIEL (L)
W/ 7 CYS

SCHWENCER (L)
W/ CYS
STOLZ (L)
W/ CYS
VASSALLO (L)
W/ CYS
PURPLE (L)
W/ CYS

ZIEMANN (L)
W/ CYS
DICKER (E)
W/ CYS
KNIGHTON (E)
W/ CYS
YOUNGBLOOD (E)
W/ CYS

REGAN (E)
W/ CYS
W/ CYS
W/ CYS
W/ CYS
W/ CYS

INTERNAL DISTRIBUTION

REG FILE

✓ AEC PDR
✓ OGC
✓ MUNTZING/STAFF
✓ CASE
GIAMBUSO
BOYD
✓ MOORE (L)(LWR-2)
DEYOUNG (L)(LWR-1)
SKOVHOLT (L)
GOLLER (L)
P. COLLINS
DENISE
✓ REG OPR
✓ FILE & REGION (3)
✓ MORRIS
✓ STEELE

TECH REVIEW

✓ HENDRIE
✓ SCHROEDER
✓ MACCARY
✓ KNIGHT
✓ PAWLICKI
✓ SHAO
✓ STELLO
✓ HOUSTON
✓ NOVAK
✓ ROSS
✓ IPPOLITO
✓ TEDESCO
✓ LONG
✓ LAINAS
✓ BENAROYA
✓ VOLLMER

DENTON
GRIMES
GAMMILL
KASTNER
BALLARD
SPANGLER

ENVIRO
MULLER
DICKER
KNIGHTON
YOUNGBLOOD
REGAN
PROJECT MGR

HARLESS

LIC ASST
DIGGS (L)
GEARIN (L)
GOULBOURNE (L)
KREUTZER (E)
LEE (L)
MAIGRET (L)
REED (E)
✓ SERVICE (L)
SHEPPARD (L)
SLATER (E)
SMITH (L)
TEETS (L)
WILLIAMS (E)
WILSON (L)

A/T IND
BRAITMAN
SALTZMAN
B. HURT

PLANS
MCDONALD
CHAPMAN
DUBE w/input
E. COUPE

✓ D. THOMPSON (2)
✓ KLECKER
✓ EISENHUT

EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR Kewaunee, Wis.
✓ 1 - TIC (ABERNATHY)
✓ 1 - NSIC (BUCHANAN)
1 - ASLB
1 - P. R. DAVIS
✓ 16 - ACRS ~~XXXXXX~~ Sent to Service
6-25-74

(1)(2)(10)-NATIONAL LABS
1-ASLBP(E/W Bldg, Rm 529)
1-W. PENNINGTON, Rm E-201 GT
1-B&M SWINEBROAD, Rm E-201 GT
1-CONSULTANTS
NEWMARK/BLUME/AGBABIAN

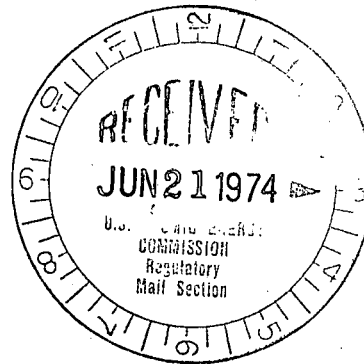
1-PDR-SAN/LA/NY
1-BROOKHAVEN NAT LAB
1-G. ULRIKSON, ORNL
1-AGMED (RUTH GUSSMAN)
Rm B-127 GT
1-RD..MUELLER, Rm F-309
GT

Sontat 1:05

6-18-74

TELEGRAM

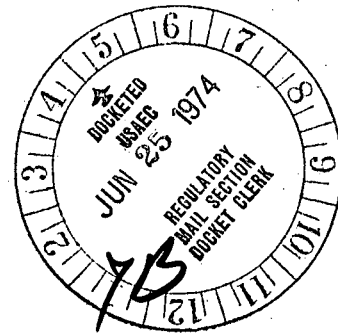
Mr. James G. Keppler
Regional Director
Directorate of Regulatory Operations
Region III
Glen Ellyn, Illinois



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

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

Report Number: 50-305/74-7
Occurrence Date: June 17, 1974
Facility: Kewaunee Nuclear Power
Kewaunee, Wisconsin



Identification of Occurrence: Failure to log Quadrant Tilt Monitor per Tech. Spec. 3.10.j on June 17.

Conditions Prior to Occurrence: Plant in Startup Test Program
Reactor at Power - 82%
Normal Operating Temperature - 559°F
Normal Operating Pressure - 2235 psig
Normal Charging and Letdown

Description of Occurrence:

Calibration of the quadrant power tilt monitor could not be performed until higher power levels were attained to determine the full power detector currents. Prior to the calibration, the alarm lights on the NI racks and the control panel were on, but since it was known that the tilt monitors were not calibrated, the alarm lights would remain on until the calibration was completed. The tilt monitors were calibrated on June 7 and the alarm lights remained on denoting a probable fault in the alarm circuitry or that a quadrant power tilt existed. Since the alarm lights had been on prior to the calibration it was not immediately recognized that the alarm lights remaining on after the calibration was a probable violation of Tech. Spec. Paragraph 3.10.j.

Flux maps were made on June 10 and 14 and they indicated that no quadrant power tilt existed. On June 16, the shift supervisor noted that the alarm light was on, calculated the quadrant power tilt, recorded it and noted that it was within Tech. Spec. 3.10 requirements, and therefore determined that the alarm was not valid and that a problem existed with the alarm circuitry.

Immediate Corrective Action:

On June 17 it was noted that Tech. Spec. Paragraph 3.10.j required logging of detector outputs and quadrant power tilts every shift until the monitor circuitry was corrected. I & C was informed and they corrected the circuitry to eliminate the problem. The circuitry is presently operable and both the alarm lights and annunciator are functioning properly.

5648

CK Lomas 6-18-74