



western union

Telegram

VEA167(1650)(1-020164C048)PD 02/17/75 1644

TLX CONSPower JKN

ZCZC 002 DLY JACKSON MICHIGAN 2-17-75

PMS US NUCLEAR REGULATORY COMMISSION

MR J G KEPPLER, REGION III

799 ROOSEVELT ROAD

GLEN ELLYN, IL 60137

SUBJECT: COMPONENT COOLING WATER LEAK TO THE SERVICE WATER HEATER

THIS IS TO CONFIRM THE PHONE CONVERSATION WITH MR KENNETH BAKER OF  
AEC REGION III ON 2-14-75 AT 1630.

REPORT NO. NRE 75-10

OCCURRENCE DATE - 2-14-75

8308220126 750217  
PDR ADOCK 05000255  
S PDR

SF-1201 (R5-69)

1975 FEB 17 PM 3:34  
BOOK NO. 3-2 OPR. NO. 403  
TELEPHONE NO. 858-2660  
TELEPHONED TO WLF BY 20  
DATE DLD. 2-17-75 TIME 424p  
ATTEMPTS TO DELIVER: Mail



western union

Telegram

FACILITY - PALISADES NUCLEAR PLANT

DESCRIPTION OF OCCURRENCE -

ON FEBRUARY 14, 1975 IT WAS APPARENT THAT A LEAK HAD DEVELOPED IN  
ONE OF THE COMPONENT COOLING WATER HEAT EXCHANGERS. AT 0650 ON  
FEBRUARY 14, 1975 OPERATIONS ISOLATED THE "B" HEAT EXCHANGER. THIS  
ACTION STOPPED THE LOSS OF COMPONENT COOLING WATER.

ANALYSIS OF OCCURRENCE -

BY USING THE LEVEL DECREASES IN THE COMPONENT COOLING SURGE TANK IT  
WAS DETERMINED THAT THE LEAK RATE WAS APPROXIMATELY 2 GPM. THE  
AMOUNT OF ACTIVITY RELEASED WAS AS FOLLOWS - 0.0007 MCI OF CO-58,

SF-1201 (R5-69)



# Telegram

1975 FEB 17 PM 3:54

0.0008 MCI OF CO-60, AND 0.008 MCI OF TRITIUM.

A PRC MEETING ON 2-17-75 DETERMINED THIS TO BE A NONREPORTABLE EVENT. THE AMOUNT OF ACTIVITY PRIOR TO DILUTION IN THE MIXING BASIN WAS LESS THAN 0.001 X MPC ON AN INDIVIDUAL ISOTOPIC BASIS. THE AMOUNT OF ACTIVITY RELEASED DOES NOT PRESENT AN IMMEDIATE PROBLEM AND WILL BE REPORTED WITH OUR NORMAL EFFLUENT REPORTS. REPAIRS TO THE HEAT EXCHANGER WILL BE MADE AS SOON AS POSSIBLE.

IN THE FUTURE, LEAKS FROM THE CCW HEAT EXCHANGER TO SW WILL BE TREATED AS NRE IF THE RADIOACTIVITY ON AN INDIVIDUAL NUCLEDE BASIS IS 0.001 X MPC PRIOR TO DILUTION IN THE MIXING BASIN.

WE WILL CONCTINUE TO FLAG THESE OCCURRENCES ON OUR IN PLANT DEVIA-

SF-1201 (RS-69)



# Telegram

1975 FEB 17 PM 3:54

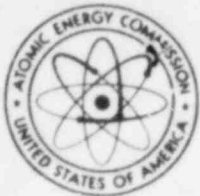
TIONS SYSTEM TO DETERMINE IF ON AN ABNORMAL DEGRADATION OF A BOUNDARY TO CONTAIN RADIOACTIVITY IS OCCURRING.

CC: R L HAUETER  
R B SEWELL  
E R COOPER  
J S RANG  
R W SINDERMAN

R B DE VITT  
CONSUMERS POWER COMPANY  
PALISADES NUCLEAR PLANT

ALL NO

SF-1201 (RS-69)



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
~~ATOMIC ENERGY COMMISSION~~  
DIRECTORATE OF REGULATORY OPERATIONS  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

TELEPHONE  
(312) 858-2660

A. RO Inspection Report No. \_\_\_\_\_

Transmittal Date : \_\_\_\_\_

Distribution:

RO Chief, FS&EB  
RO:HQ (5)  
DR Central Files  
Regulatory Standards (3)  
Licensing (13)  
RO Files

Distribution:

RO Chief, FS&EB  
RO:HQ (4)  
L:D/D for Fuels & Materials  
DR Central Files  
RO Files

B. RO Inquiry Report No. \_\_\_\_\_

Transmittal Date : \_\_\_\_\_

Distribution:

RO Chief, FS&EB  
RO:HQ (5)  
DR Central Files  
Regulatory Standards (3)  
Licensing (13)  
RO Files

Distribution:

RO Chief, FS&EB  
RO:HQ  
DR Central Files  
RO Files

C. Incident Notification From: Consumers Power Co., Docket No. 50-255  
(Licensee & Docket No. (or License No.))

Transmittal Date : FEB 28 1975

Distribution:

RO Chief, FS&EB  
RO:HQ (4)  
Licensing (4)  
DR Central Files  
RO Files

Distribution:

RO Chief, FS&EB  
RO:HQ (4)  
L:D/D for Fuels & Materials  
DR Central Files  
RO Files

50-255  
Incident