

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

Do
4

Telegram

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

TLX CONSPower JKN

ZCZC 002 DLY JACKSON MICHIGAN 2-17-75

PMS US NUCLEAR REGULATORY COMMISSION

MR J G KEPPLER, REGION III

759 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

SF-1201 (R5-69)

FACILITY - PALISADES NUCLEAR PLANT

DESCRIPTION OF OCCURRENCE -

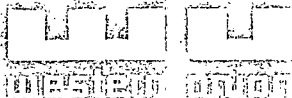
ON FEBRUARY 14, 1975 IT WAS APPARENT THAT A LEAK HAD DEVELOPED IN
ONE OF THE COMPONENT COOLING WATER HEAT EXCHANGERS. AT 0650 ON
FEBRUARY 14, 1975 OPERATIONS ISOLATED THE "B" HEAT EXCHANGER. THIS
ACTION STOPPED THE LOSS OF COMPONENT COOLING WATER.

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)

1975 FEB 17 1644
BOOK NO. 3-2 OPR. NO.
TELEPHONE NO. 858-2660
TELEPHONED TO WLF BY 20
DATE DLD. 2-17-75 TIME 424p
ATTEMPTS TO DELIVER: Mail



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 NUCLEIDE BASIS IS 0.001 X MPC PRIOR TO DILUTION IN THE MIXING BASIN.

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

SF-1201 (R5-69)

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 WITT
CONSUMERS POWER COMPANY
PALISADES NUCLEAR PLANT

ALL HQ

SF-1201 (R5-69)