

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

REPORT SOURCE L 6 0 5 0 0 0 3 1 5 7 0 1 1 5 8 12 5 0 5 0 3 8 5 9

60 61 DOCKET NUMBER 62 63 EVENT DATE 64 65 REPORT DATE 66

EVENT DESCRIPTION AND PROBABLE SOURCE

10

SYSTEM CODE X X (11)		CAUSE CODE X (12)	CAUSE SUBCODE Z (13)	COMPONENT CODE Z Z Z Z Z Z Z (14)				COMP SUBCODE Z (15)	VALVE SUBCODE Z (16)
LER/RO REPORT NUMBER 8 2 (17)		EVENT YEAR 8 2 (21)	SEQUENTIAL REPORT NO. 0 1 0 1 3 (24)	OCCURRENCE CODE 0 1 4 (28)		REPORT TYPE X (30)		REVISION NO. 1 (32)	
ACTION TAKEN X (33)	FUTURE ACTION X (34)	EFFECT ON PLANT Z (20)	SHUTDOWN METHOD Z (21)	HOURS 0 1 0 1 0 1 0 (22)	ATTACHMENT SUBMITTED Y (33)	NPRD-4 FORM SUB N (24)	PRIME COMP. SUPPLIER Z (25)	COMPONENT MANUFACTURER Z 9 1 9 1 9 (32)	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

THE EXACT CAUSE OF THE UNPLANNED GAS RELEASE COULD NOT BE DETERMINED. IT IS BELIEVED THAT THE RELEASE WAS THE RESULT OF ONE OF THE PHASES OF THE HELIUM LEAK TESTING OF THE WASTE GAS SYSTEM. THE HEALTH AND SAFETY OF THE PUBLIC WERE NOT AFFECTED (SEE ATTACHED SUPPLEMENT).

FACILITY STATUS (28) E (29) 1 0 0 (30) POWER 1 0 0 (31) OTHER STATUS NA (32) METHOD OF DISCOVERY A (33) RADIATION MONITORING ALARM (34) DISCOVERY DESCRIPTION
 ACTIVITY CONTENT 1 6 (35) G (36) N (37) 3.65 CI XE-133 (38) AMOUNT OF ACTIVITY
 RELEASED OF RELEASE
 PERSONNEL EXPOSURES NUMBER 1 7 (39) 0 0 0 (40) TYPE Z (41) DESCRIPTION NA
 PERSONNEL INJURIES NUMBER 1 2 (42) 0 0 0 (43) DESCRIPTION NA
 LOSS OF OR DAMAGE TO FACILITY TYPE Z (44) DESCRIPTION NA
 PUBLICITY ISSUED 2 0 (45) N (46) DESCRIPTION NA
 NRC USE ONLY

NAME OF PREPARED

JOHN M. PARIS

NRC USE ONLY

(616) 465-5901



INDIANA & MICHIGAN ELECTRIC COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106
(616) 465-5901

May 3, 1985

Mr. J.G. Keppler, Regional Administrator
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Operating License DPR-58
Docket No. 50-315

Dear Mr. Keppler:

Pursuant to the requirements of the Appendix B Technical Specifications, the following report/s are submitted:

RO 82-003/04T-1

Sincerely,

W.G. Smith, Jr.
Plant Manager

/cbm

Attachment

cc: John E. Dolan
Document Control Manager
M.P. Alexich
R.F. Kroeger
H.B. Brugger
R.W. Jurgensen
NRC Resident Inspector
R.C. Callen, MPSC
G. Charnoff, Esq.
J.M. Hennigan
INPO
PNSRC
A.A. Blind
J.F. Stietzel
Dottie Sherman, ANI Library

IE221/
~~IE22~~

MAY 6 1985 1/1
82-003/04T-1

THE EXACT CAUSE OF THE UNPLANNED GAS RELEASE COULD NOT BE DETERMINED. IT IS BELIEVED THAT THE RELEASE WAS THE RESULT OF ONE OF THE PHASES OF THE HELIUM LEAK TESTING OF THE WASTE GAS SYSTEM. LEAK TESTING OF THE UNIT 1 VOLUME CONTROL TANK (VCT) WAS BEGUN AT 1200 ON JANUARY 15, 1982. THE VCT WAS LINED UP TO THE NUCLEAR SAMPLING SYSTEM THROUGH VALVE NS-187. ABOUT THE SAME TIME THE VALVE LINEUP FOR THE UNIT 2 VCT WAS BEGUN.

TESTING WAS STOPPED WHEN THE VENT STACK MONITOR ALARMED. LATER IN THE DAY BOTH VCTs WERE TESTED AND NO LEAKS WERE FOUND.

ACTIONS TO PREVENT RECURRENCE:

1. THE PROCEDURE FOR THE HELIUM GAS TEST WAS CHANGED TO ALLOW ONLY ONE PORTION OF THE WASTE GAS SYSTEM TO BE TESTED AT A TIME.
2. NUCLEAR SAMPLING SAFETY VALVES (SV-38) HAVE BEEN FOUND TO CAUSE PROBLEM LEAKS AND HAVE BEEN REPLACED.

SINCE THE UNPLANNED UNIDENTIFIED GAS RELEASE OF JANUARY 15, 1982, NO FURTHER UNIDENTIFIED GAS RELEASES HAVE OCCURRED. THE HEALTH AND SAFETY OF THE PUBLIC WERE NOT AFFECTED.