

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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REPORT SOURCE L 6 0 5 0 0 0 3 1 5 7 0 1 1 5 8 1 2 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

19

SYSTEM CODE X X (11)		CAUSE CODE X (12)		CAUSE SUBCODE Z (13)		COMPONENT CODE Z 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 (29)		REPORT TYPE X (30)		REVISION NO. 1 (32)					
ACTION TAKEN X (13) (33)		FUTURE ACTION X (19) (34)		EFFECT ON PLANT Z (20) (35)		SHUTDOWN METHOD Z (21) (36)		HOURS 0 1 0 1 0 1 0 (22) (40)		ATTACHMENT SUBMITTED Y (23) (41)		NPRD-4 FORM SUB N (24) (42)		PRIME COMP. SUPPLIER Z (25) (43)	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)														COMPONENT MANUFACTURER Z 9 1 9 1 (26) (44)	

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).

[illegible]

NAME OF PREPARED JOHN M. PARIS

(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  
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~~IE22~~

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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.